IP Set-top box Motorola VIP 1910

Installation instructions and manual

designed for users of viaTV cable television service

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These instructions are intended as supplementary instructions to the original manual, which is enclosed to the set-top box. They extend the general information on the use of the set-top box for the purpose of the viaTV service provided by the T-Systems.

Basic operation of the set-top box is included in the original instructions.

PART A – comments and notes to the original manual

1.1 Basic terms

- **EPG – electronic program guide** – TV program accessible via set-top box; similar to a teletext (standard teletext is also available)
- **viaTV Portal (middleware)** – an interface for above-standard functions of viaTV service – EPG, various settings, ordering other TV channel packages etc.
- **Resolution** – picture quality on the TV set. The higher resolution, the better picture. The assumption is that your TV set supports it and the TV channel is broadcasted in this resolution. Currently we can distinguish a standard resolution (SD) and high resolution (HD).
- **Set-top box (STB)** – a device for reception of TV signal, in our case of viaTV service.

1.2 Set-top box installation

Prior the installation take off all plastic covers from the set-top box because of heat, including the plastic foil on the front panel!

If your set-top box is rented, please do not discard the box or the covers, but keep them!

1.3 Set-top box installation for HDTV (using HDMI connector)

If your TV set is „HD ready" (HDTV ready or Full HD), you can connect it to the set-top box via a (digital HDTV, preferred – the best picture) or via YPbPr input (older analogue HDTV) instead of a scart connector.

When using a HDMI connector on a TV with a lower (older) version of HDMI system than 1.2, you can run into problems with volume regulation via the set-top box remote controller. In this case, we recommend using the original TV set remote. In case there is no sound at all, change the TV set input to a different one (a non HDMI) an then switch to a HDMI input again.

2 Remote controller (RC)

Note: there can be several different types of RC

Hint: how to display, what means which button on the RC without having this manual?
Use the on-line help – press the INFO button on the RC.

2.1 Switching on/off the set-top box, stand-by mode

Set-top box is switched on/off by a **red button** in the right top corner. Before it, the box must be plugged in to electric socket 230V (stand-by mode). The RC switches it from stand-by into operation mode.

2.2 Application buttons

Text – there are two options for this button:

- while watching TV, it activates **teletext**
- while browning in menu, it displays a virtual keyboard

TV – EPG and TV

Portal (marked as a dot in a circle) - entering into so called **viaTV Portal** – access to many useful functions and settings. More details about the Portal can be found at the end of this manual.

www – activates a web browser (not active at viaTV service).

2.3 Function color buttons

The low row of **color** buttons is used for context based functions in the viaTV Portal, EPG and teletext. Their meanings may vary from application to application and they are always described in the lower part of TV screen.

2.4 MENU / BACK / INFO buttons

Menu – toggles between the viaTV Portal and TV broadcast.

Info – displays help

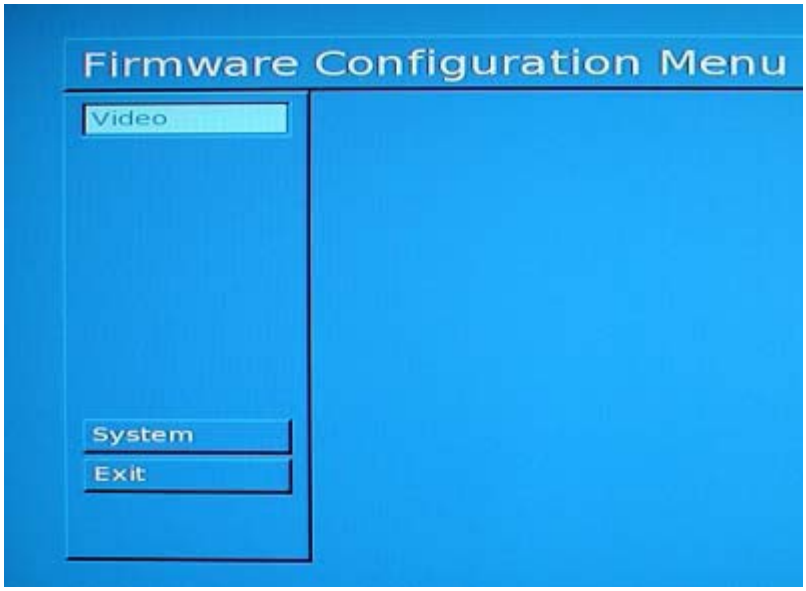
3 Set-top box setting

Apart from a standard setting of the set-top box in-service on the so-called **viaTV Portal** (operation of the Portal is provided below), you may perform several other settings in the beginning, in particular the selection of the TV standard (TV system) of your television set and used outputs (output connectors).

For the purpose of their performance, immediately upon connecting the set-top box to the power supply network, press the **MENU** button on the control and keep it pressed. In this way, you will get to the menu for the television set output setting.

A screen, similar to the one in the figure below, should appear. At the same time, the LED diodes on the front panel should start flashing, altering red and green; the same shall be applicable to every pressing of any button on the remote control. (When the above-mentioned screen appears, you may release the **MENU** button).

Note: In practice, due to the Portal, it is possible to set up everything under current operation, with the exception of picture for HD definition setting (HDMI and YPbPr output). If you do not use the HD output (as you use scart), we recommend skipping this section over. **If you wish to use the HDMI output (see bellow), you have to perform the setting here and prior to the beginning of the operation of the viaTV service as such.**



Movement on the screen and changes setting is performed by the cursor-movement keys on the control (up, down, left, right) and you use the "OK" button to confirm a change. The field, which is illuminated in light green-blue is active.

You move between the illuminated items using arrow keys up / down.

You undo / do up the menu relating to the illuminated item using left arrow / right arrow.

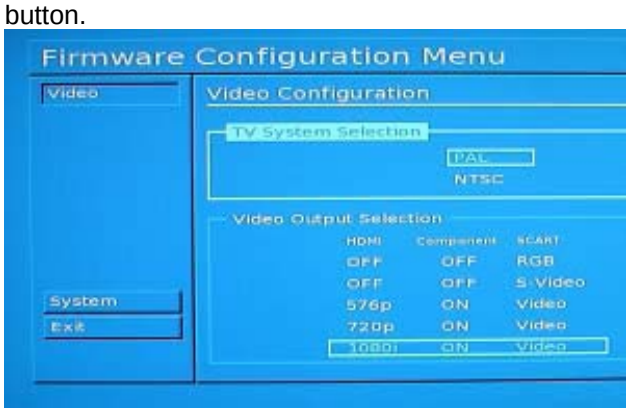
Please note that all pictures in the manual are directly photo-shot from a real TV screen for a 100% accuracy with a real usage of the set-top box. However, this may lead to a slightly lower picture quality than at computer printscreens.

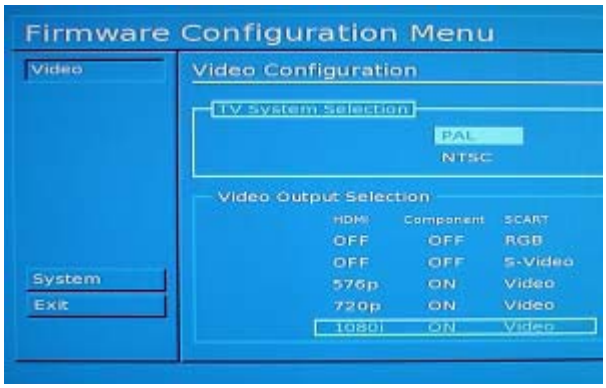
3.1 Selection of the TV standard (optional, it is possible in the viaTV Portal as well)

Start with the selection of the so-called television standard (system) format. Press the right cursor arrow and the “Video” item will undo into the “TV System Selection” and the “Video Output Selection” items (the figure on the left). Press the arrow once more and the option of a change between the PAL and NTSC picture formats becomes activated (the figure on the right). The format is selected using the up and down arrows.

The PAL refers to a standard used mainly in Europe, while the NTSC refers to a standard used in the USA. **Unless you have some special reason for selecting NTSC, select PAL, (if there is a selection from several PAL systems (in case of later models of the set-top box, select the one, which**
is supported by your television set, see the instruction manual for the television set).

As soon as you have found, using arrows, the picture format you prefer, activate it by pressing the **OK** button.

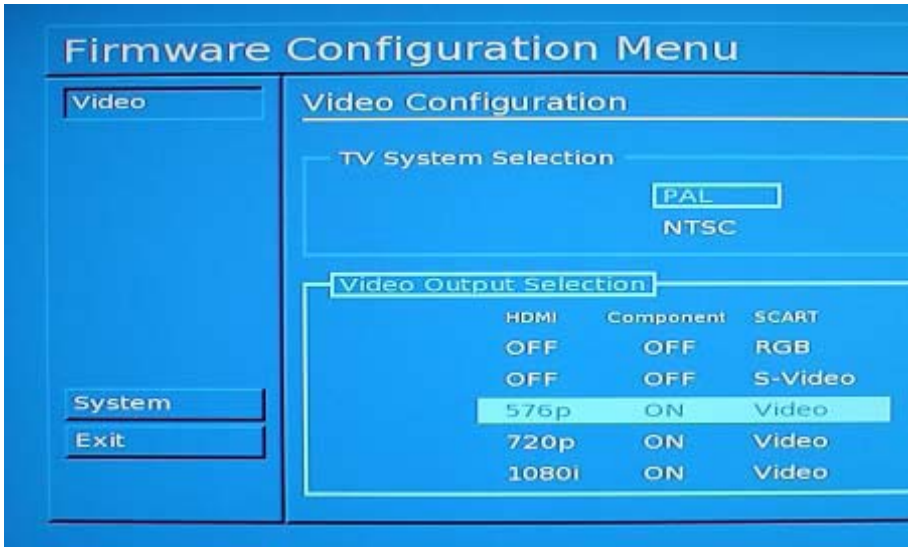




We recommend performing the entire setting in the viaTV Portal (as mentioned below).

3.2 Selection of the video format for HD outputs

The selection of the video format depends on the possibilities of your television set and on the type of video connectors you use. The set-top box has three connectors – which corresponds with the three **columns** in the menu below – HDMI, Component and SCART. The set-top box may be set in five different states (combinations of states) corresponding with five **lines** mentioned below, among which you perform your selection. For you, the current items in the column (of the connector), which you wish to use, are relevant.



3.2.1 Standard television set with a standard definition (SCART)

If your television set (or LCD) is of a standard type and if it works with standard definition (it neither supports HDTV nor it has the HDMI or the YPbPr connector), then the SCART column is relevant for you (the one most to the right). Together with scart setting, the other connectors are somehow set up too, however which is not relevant for you.

Using the navigation arrows up / down, select the video format you prefer. The scart connector is able, in case of the VIP 1910 set-top box, to offer three types of output: **RGB** – the so-called component RGB, **S-video** and **Video** – i.e. composite output.

The **Video** (composite output) is most common, however, with the lowest quality of these three outputs (but with minimum differenced only). It is possible to connect it at the back of the television set into scart (the same connector as you have in your set-top box) or into the input having a form of three RCA connectors (=3x cinch) (two connectors in case of monophonic television sets). In the cinch form, it is used as input for video cameras on the front side of the television set.

The **S-video** offers a higher quality, however, not every television set is equipped with it. If your television set has it, it may be in the form of the S-video original round connector (then it is necessary to have a scart<–>S-video cable or an adapter) or it may use the scart connector directly.

RGB – input of a higher quality that the composite one, however, not every television set is equipped with it. The connector for it, is the ordinary scart connector, however, the television set needs to support this function.

We recommend performing the entire setting in the viaTV Portal (as mentioned below).

3.2.2 Component YPbPr – analogue HD output

If your television set is able to process the **component YPbPr** output, use this one. Such an output is of a higher quality than the above-mentioned ones, however, in the development of television sets this one represent a sort of dead end so that there are few television sets equipped with it. In the menu, it is necessary to set up the output of the set-top box so that it was in some of the positions in the Component column in the ON state.

3.2.3 Television set with high definition (HDMI)

If your television set has the HDTV function and if it is connected to the set-top box using HDMI, find out what sort of HD definition it enables to reach in fact (the so-called low HD 720p (**HD ready**) or the so-called **Full HD** 1080i – see the instruction manual for the television set).

If it is impossible to find such information out, select the 720p item in the HDMI column (the so-called low HD, for HD ready television sets). Then confirm your option by pressing **OK**. Another option available for the selection is the 576p standard definition (standard PAL system, however in digital quality).

3.3 Information about the system

In the **System** item, you will find information on the set-top box, which however is not of much relevance. In addition, such information is available on the viaTV Portal as well.

3.4 Save and leave setting

Press the right arrow for return to the main menu and go down using the navigation arrow to **Exit**, then press **OK**. Then the set-top box asks you whether you wish to save the respective setting.
For the purpose of saving the changes, select **Save and reboot**, for the purpose of not saving, select **Reboot without saving**.

The set-top box is then restarted and prior to se restart, it either saves (Save and reboot) or does not save (Reboot without saving) the respective changes. The restart of the set-top box lasts approximately 4 minutes.

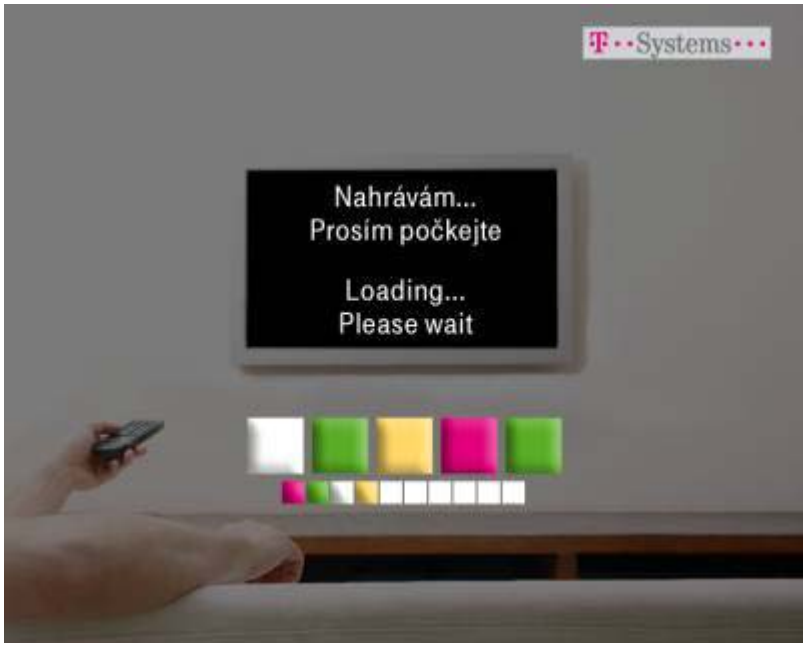
3.5 Set-top box setting using the viaTV Portal

Once the set-top box is under standard operation (it is possible to watch programs), it is possible to perform some setting in the so-called viaTV Portal (more information on the Portal is to be provided in the following chapter). Specifically, this concerns the TV standard (PAL/NTSC) setting and setting of the output **for a standard television set using a scart connector**.

4 Start of the set-top box

Upon connection of the set-top box to the television set and to the power supply, the starting process will start and on the screen of the television set, you will see a similar figure as mentioned below (this concerns colored little rings on the television screen).

The set-top box is now connecting to the telecommunication network and is downloading information and software necessary for its operation. Upon displaying the first green little ring, the initial screen is displayed. Wait until this starting process has been completed fully.



The little rings (little squares) on the screen are changing their colours in the course of the starting process according to its course, of the state of which they inform you. In the beginning, all little rings are grey. If the set-top box is performing a search for or processing the downloaded operating software (a program for the needs of the set-top box), one little ring will start flashing in yellow. Upon downloading software as such, the little ring is flashing in green and at the same time, a line of ten more little rings is displayed bellow which represents the state of the download.

As soon as the individual parts of the starting process are completed, the little ring will turn green. Once all the little rings are green, the screen will be flashing and the "Authentication is in progress" sign and subsequently the "Downloading" sign will appear. Then TV broadcasting should start. **Upon the very first start-up, you will be asked to enter the PUK and the PIN codes, for further details, see Section 5.**

If any of the circles turns red, a part of the process failed and the rest of the process has been terminated. **The entire process lasts approximately 4 minutes and proceeds any time the set-top box is disconnected from the power supply.**

Note: Different stages of this process take different times ("colouring" of some little rings (little squares) takes longer, in particular in case of the third one).

If you wish to use the HDMI output in your set-top box, it is necessary to perform this output setting prior to the starting process (see Section 3.2).

4.1 Troubleshooting upon start

If the start-up of the set-top box failed and some of the little rings turned red or yellow, remember its position (1-5). Subsequently, contact the Contact Centre of T-Systems, to which such information will help find the problem. Contact data are on the last page of this manual.

PART B – Motorola VIP 1910 in the service for viaTV

5 First start-up of the set-top box

Upon the very first start-up of the set-top box, you will be asked to enter the PUK and the PIN codes. Depending on the model of the set-top box, you may also be asked to set the initial language for the broadcast TV programs (soundtrack and subtitles), on condition that the respective program is broadcast in two languages.

5.1 PUK

The PUK refers to a numerical code, which you will **receive in the Welcome Letter** and which activates this service. Connect and switch on the set-top box as it was described above, and upon its start (the screen with colored little squares), you will be asked to enter the PUK code.

5.2 PIN of the parent lock (security PIN)

Primarily, it serves for access to contents not available for children, which has already been locked by the provider using this PIN. **Please, note that if the set-top box is used in a household, in which minors live, it is necessary not to unlock this lock permanently and not to unlock the channel, to which the lock is applied, only in case you are present and you can make sure that such minors are not present.**

In addition, it is possible to lock any other TV channel on a temporary basis, such as the channel for children, as a disciplinary action in case of naughty children. More information on the subject in the section concerning the Portal –> Settings -> TV channels.

This PIN is required in case of a change in the positions of the channels as well, e.g. you do not wish to have TV Nova on the position No. 5 but right on the position No. 1., etc. More information on the subject in the section concerning the Portal –> Settings -> TV channels.

This code is selected by you, in the scope of 4 to n digits. You enter the code twice, for the second time for confirmation that no typing error occurred. The code as such shall be protected against misuse.

This PIN code may be changed in the course of the service use. More information on the subject in the section concerning the Portal –> Settings -> Restricted content -> Parental PIN change

5.3 Purchase PIN

This PIN code is used in a similar manner as when using a credit card. In case of viaTV, it is used for the purpose of ordering additional TV channels or the whole program packages in so-called Self care. Further, it can be used for renting movies in a virtual video rental (VoD – Video on Demand) of for getting access into various archives. The use of such services is upon your choice, of course, nevertheless, as early as now, it is necessary to enter this code, again in the scope of 4 to x digits fully at your discretion (you are the person performing the selection).

You enter the code twice, for the second time for confirmation that no typing error occurred. The code as such shall be protected against misuse (e.g. from your kids :-)

This PIN code may be changed in the course of the service use as well. More information on the subject in the section concerning the Portal –> Setting -> Change in the PIN code.

5.4 I have forgotten the PIN, what shall I do?

Do not hesitate to contact our Contact Centre (the contact details are provided at the end of this publication). For the purpose of your authorization, you will need the Welcome Letter where your customer number is provided together with other information, in relation to which you may contact our Contact Centre for advice (to prevent possible misuse). Subsequently, your PIN will be deleted and you will be able to enter it again.

5.5 Sound and subtitles

Depending on the set-top box model, you may be asked to set the initial language for the broadcasted TV programs – sound and subtitles. The prerequisite is that the program is broadcast in two (or more) languages. **The languages and subtitles may be easily set up for every program – the yellow button refers to sound, the blue one to subtitles.** More information on the subject is provided at the end of the manual in the Summary section. Please note that even if several languages and subtitles are shown available when watching a particular program, they may not be available in real.

6 viaTV Portal

The viaTV Portal is the viaTV service add-on, which enables to offer a wide range of other functions increasing the comfort of the service operation. This system is not located directly in the set-top box however on the servers of the provider. Upon its using, the set-top box demands the necessary data from the server and it is provided with them. Just this transmission to and back is not immediate and explains the approx. one-second delay concerning your order. **The Portal is also available in English.**

The viaTV Portal enables you, in principle, to take advantage of three new groups of items:

- Comfortable operation and setting of the service (setting of the sound tracks in case of multi-language broadcasting, subtitles, picture format, transfer of channels (setting of their order), help, videogames, etc.),
  - Functions enabling **pausing an ongoing program** and its further playback, as well as **replaying a program from the beginning.**
  - **Video recorder** function.
  - **Mosaic** function for a quick view of multiple channels.
- Self-care (i.e. "channel supermarket" - on-line ordering of other supplementary TV channels / packages (this function is to be activated in late 2009),
- EPG – the Electronic Program Guide (the "improved teletext" known for example from DVB-T terrestrial digital broadcasting), including the possibility to set your own TV channel – My TV.

For the purpose of the Portal activation, press the **Portal** button (a dot in a little ring) or the **MENU** on a remote control. For the purpose of return to watching TV, press the **TV** button (immediately above the Portal button).

Subsequently, the Portal appears. Here, you will find the below-mentioned items, within which you **move using the cursor arrow keys or the PAN buttons. An active item is illuminated in magenta (pink) and upon a click on "OK" on the RC, it is activated. In addition, the colored function buttons (the coloured keys on the RC) are used. At the bottom of the screen, always watch which buttons are currently active and what they can do. It is also possible to display Help (the INFO button) on the screen. For the purpose of escape by one step back, it is sometimes possible to use the BACK button.**

6.1 Portal in English

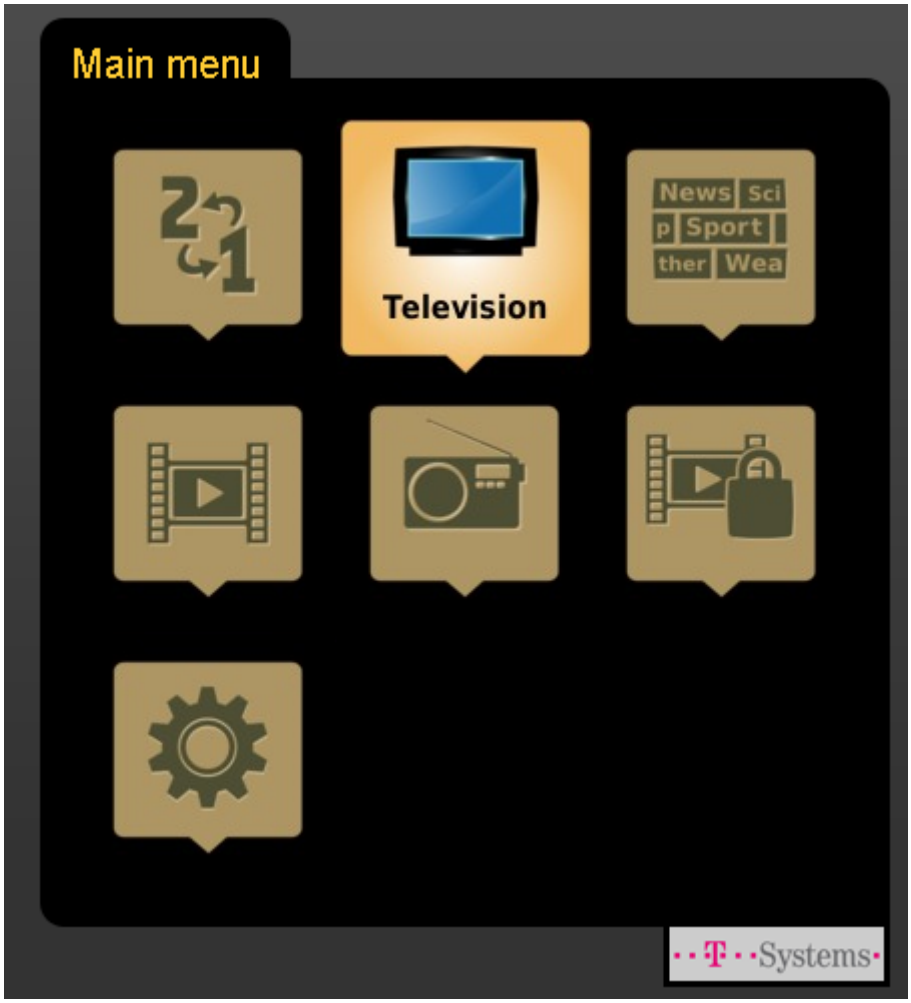
For switching the Portal into English, press the blue button (in the original design of the Portal) or click onto icon "Nastavení" ("Settings" in English) – an icon of a gear wheel (in the new design of the Portal). Then click onto icon with flags "Jazyky" ("Languages" in English).

6.2 Portal interface

It is currently possible to activate **two visual alternatives** of the Portal – the original item-based version and a new icon-based version. You can switch back and forth and select the one of your choice. Both versions of the portal are based on the same system and enable practically the same functions. Besides visual differences, working with the EPG is a bit different (though it is not possible to say which one is better) as well as different work with recorded/paused programs. Subjectively said, the new design is a bit faster. It is up to you which version of the Portal you want to use. The following page displays the main menus of both versions. Both versions will be described further – read the manual to the version which you plan to use. **Note: In the future, the set-top box manufacturer will support only the new design and the old one will be turned off.**

The initial screen of the Portal (original design):

The initial screen of the Portal (new design):



7 Map of the Portal (original design)

The entire contents of the Portal, including submenus and an outline of the logic where you can get by clicking, looks as follows:

Television		
New Portal		
Video Services	<-> **Personal VCR**	
Games	<-> **Tetris, Solitaire**	
Radio		
Settings	<-> **Self-Care**	<-> **Purchase PIN change**
		<-> **Self-Care**
	<-> **Restricted content**	<-> **Parental PIN change**
		<-> **Parental PIN level**
	<-> **Video Services Settings**	<-> **Language Preferences**
		<-> **Listing Order Settings**
	<-> **TV channels**	
	<-> **Radio channels**	
	<-> **STB settings**	<-> **STB information**
		<-> **Video output setup**
		<-> **TV aspect ratio setup**
		<-> **Screen centering**

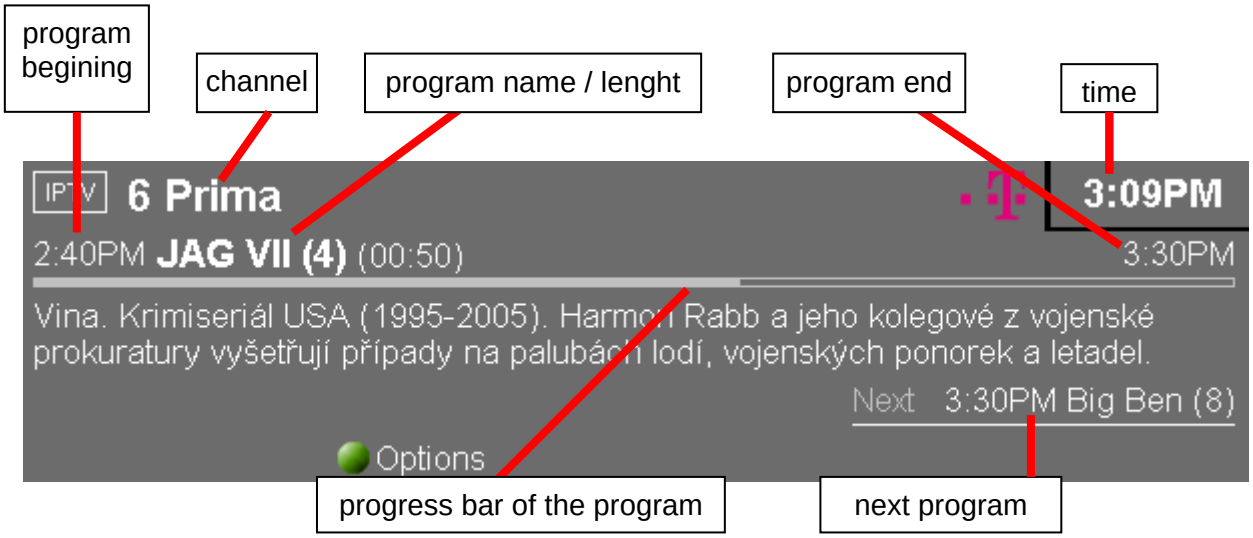
7.1 The meaning of the individual items:

7.1.1 Television

Activates the **EPG** (Electronic program Guide). The EPG serves as an advanced teletext as far as information on the programs is concerned. Within the scope of approx. one week, it informs of all programs on the individual channels, namely quickly and without disturbing commercials. Unlike teletext (which is also included in the viaTV service), it does not inform of anything else.

The EPG is displayed both automatically upon every change of a channel, the so-called *quick EPG* – brief information at the bottom of the screen concerning the program you are just watching. This information may be displayed by pressing **OK** in the course of regular watching. For the purpose of watching TV, press **OK** again.

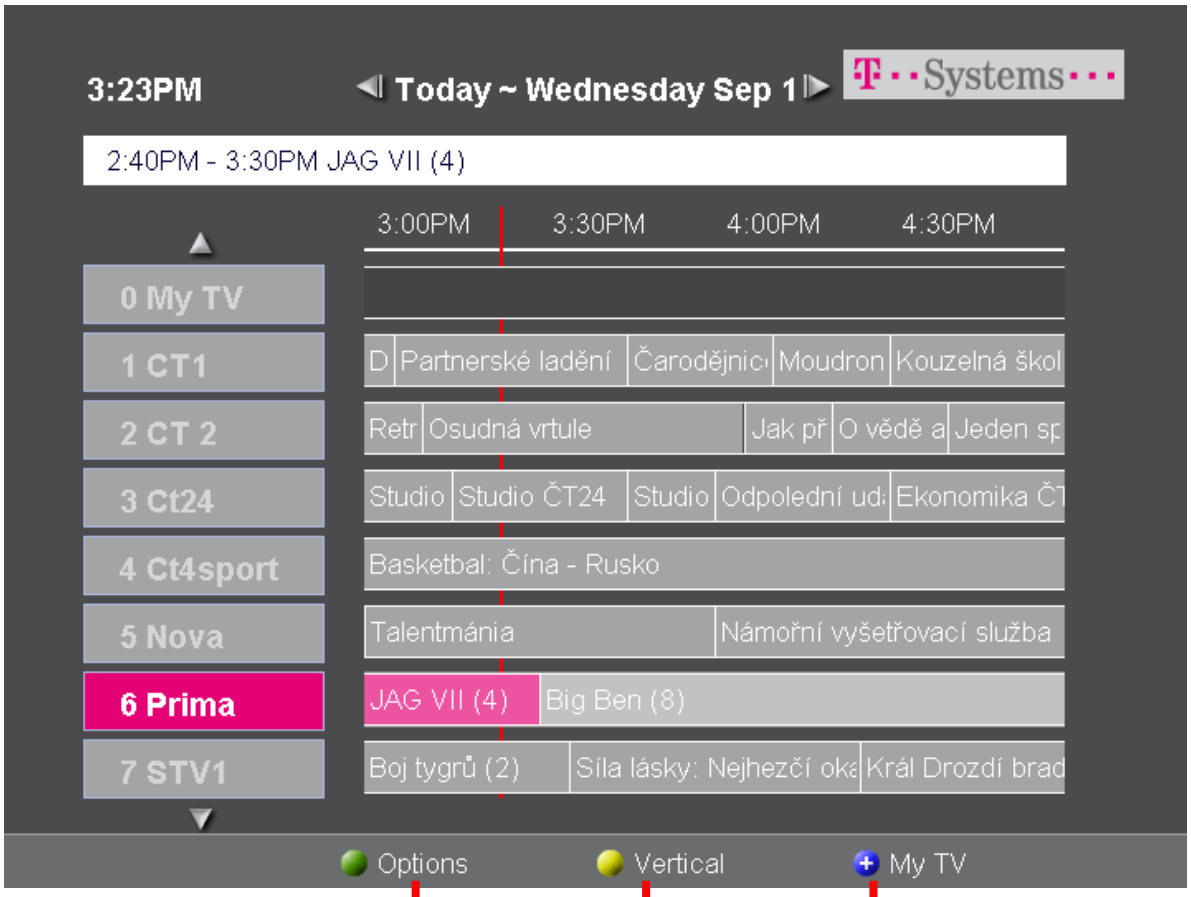
The program description within the EPG is in Czech only, regardless the set up Portal language.



Complete EPG looks as follows (a vertical EPG)

day
channel
program
3:25PM
Today ~ Wednesday Sep 1
T··Systems···
6 Prima
1:40PM Chirurgové V (8)
3:30PM Big Ben (8)
5:40PM Minuty regionu
5:50PM Fakta Barbory Tachecí
6:00PM Prostřeno!
6:55PM Zprávy TV Prima; Krimi zp
7:35PM Sport TV Prima
7:50PM VIP zprávy
8:00PM Čápi s mákem
9:20PM TOP STAR magazín
1:40PM Chirurgové V (8)
Vzájemně spjati. Lékařský seriál USA (2007). Do nemocnice nastupuje uznávaná, ale poněkud podivínská kardioložka. Většina specialistů pracuje na případu bezdomovce, který má velmi komplikované tříštivé zlomeniny, ale operaci odmítá... Hrají: E. Pompeová, P. Dempsey, S. Ohová a další (42 min)
60min
Options
Horizontal

Or as follows (a horizontal EPG):



a hint what can be controlled by the **color** buttons

The program of the TV channel, which you are watching, is displayed as the initial one with respect to the actual time.

Operation of the full EPG is as follows:

- **PAN buttons** (arrows) left / right – switching between days (can be seen at the very top)
- **Cursor keys** (arrows) left / right – switching between channels (can be seen under it); only in the vertical display form
- **Cursor and PAN buttons** (arrows) left / right – shift in time, by individual programs in the list / quickly
- **Context buttons (coloured buttons at the bottom of the control)**

– **červené** – recoding of the current or selected program
– **green** – *Enhanced TV* / options – displaying options what you can do with a current program, see bellow. This button can be used even while watching TV (if EPG is not shown).
– **yellow** – at the *complete EPG* – switching the EPG display:

- Horizontal – easier display without detailed description of the programs
- Vertical – more detailed

– at a *quick EPG* – switching between audio tracks (more languages, if available)
– **blue** – at the *complete EPG* – activating function *My TV*, see bellow
– at the *quick EPG* – switching between subtitles (more languages, if available)

The so-called quick EPG may be displayed by pressing **OK** in the course of regular TV watching. The number of the channel is displayed, the name of the program and its short description, time and other information. For the purpose of watching TV, press **OK** again.

If you click, while watching TV, on the cursor arrow key “left” or “right”, the quick EPG is displayed and the list of all channels. Between them, you may move using the cursor arrow keys. By pressing **OK**, you get the selected channel - it serves for the purpose of quick switching to a certain TV channel if you do not know, in which position exactly it is located.

Note: the EPG is not available for all programs, in particular in case of foreign ones.

My TV – the channel 0 (zero) is reserved for your own television. There you may compose a channel of your own from all channels on offer depending on your taste. How does it work? In the EPG (we recommend using the horizontal EPG, which is more clear for this purpose), you select a program which you wish to watch. It may be on an arbitrary channel, at any time or on any day (within the scope determined by the EPG). Then press the blue button (active on the screen as **+ My TV**). In this way, the respective program in added to My TV and is displayed in the EPG in position 0.

Subsequently, if you are watching television, then, upon oncoming beginning of the selected program, the EPG will inform you and will ask you whether it should switch to the respective program. With My TV you will never miss any beginning of your favourite program any more.

If two or more programs are broadcast at the same time, it is possible to define their priorities with the My TV blue button. Using this button, you also remove the already inserted programs.

Note: the times of beginnings and ends of the programs with which My TV works are determined by the respective broadcast scheme of the individual TV stations. If there is e.g. a delay in their broadcasting, My TV unfortunately is not able to do anything about it. For the purpose of commercials, most TV stations does not broadcast the so-called AVS signal informing when exactly the respective program begins.

7.1.2 New Portal

Switches to the new version of the Portal, which is described further. The switch takes 10-20 seconds.

7.1.3 Video services

This section enables viewing programs previously saved with the video recorder.

- **Video recorder –** contains programs which you have recorded with the virtual video recorder. The recordings are saved to central T-Systems servers, so there is nothing saved in the actual set-top box and it is not necessary to connect any additional devices.

This section serves only to play recorded content. For recording, press the red button during a program or use the Enhanced TV menu.

7.1.4 Games

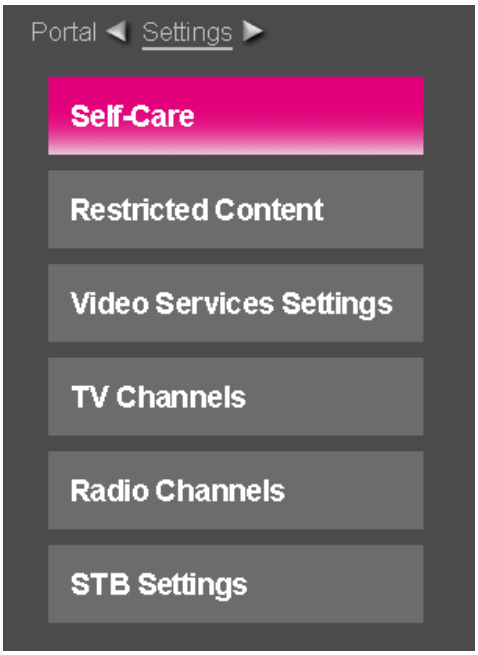
Tetris, Solitaire
These concern popular easy games known from computers. The instructions are provided directly on the screen.

7.1.5 Radio

Activates the **EPG** (Electronic program Guide) for radio stations. However, no EPG data for radio is available.

7.1.6 Settings

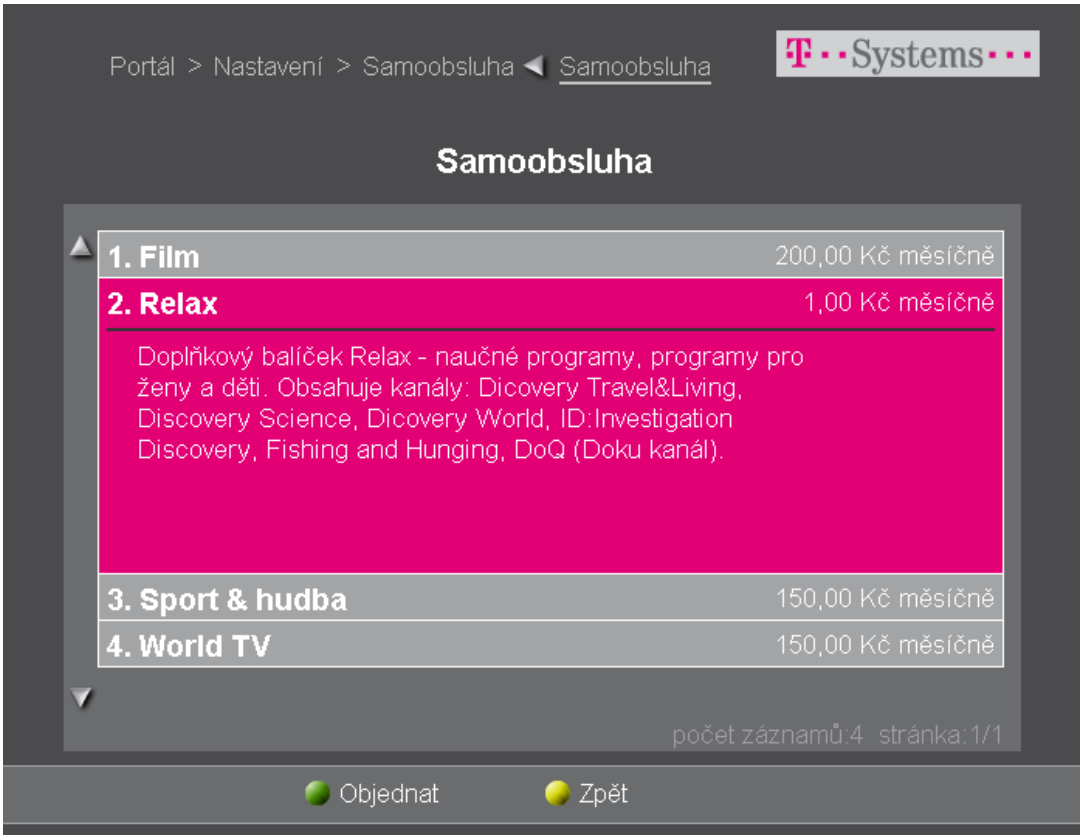
Various settings and access to other TV channels via Self-Care



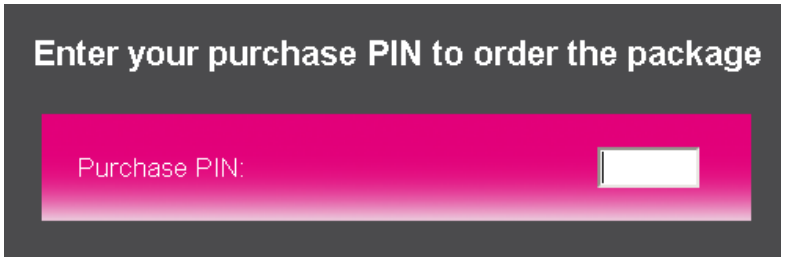
- **Self-Care**
  - **Purchase PIN change**

    Changes the PIN code, used for e.g. on-line ordering of additional TV packages through the set-top box. It is necessary to enter the existing PIN code, the new PIN code and the new PIN code again for confirmation.
  - **Self-Care**

    Self-Care is a way to order additional TV channels. Clicking here displays a list of available channels or packages (packages of similar TV channels ordered at once). Use the up/down arrow keys to navigate the channels. The current package is displayed along with the channels it contains and the monthly price.


Portál > Nastavení > Samoobsluha
Samoobsluha
T··Systems···
Samoobsluha
1. Film 200,00 Kč měsíčně
2. Relax 1,00 Kč měsíčně
Doplňkový balíček Relax - naučné programy, programy pro ženy a děti. Obsahuje kanály: Dicovery Travel&Living, Discovery Science, Dicovery World, ID:Investigation Discovery, Fishing and Hunging, DoQ (Doku kanál).
3. Sport & hudba 150,00 Kč měsíčně
4. World TV 150,00 Kč měsíčně
počet záznamů:4 stránka:1/1
Objednat
Zpět

To order a package press the green button and then enter the purchase PIN.



To cancel your package, proceed analogically. Remember that when ordered, the some packages must be active for at least one month. It is not possible to cancel it earlier.

Newly ordered channels should appear in the list immediately and their content should be available within approximately 15 minutes.

TV channels offered in Self-Care cannot be ordered or cancelled otherwise than through Self-Care.

Self-Care is not available for viaTV Basic.

- **Restricted content**
  - **Parental PIN change**

    It changes the PIN code for the purpose of security of the individual channels so that your children could not watch them. It is necessary to enter the existing PIN code, the new PIN code and the new PIN code again for confirmation. For confirmation, press **OK**.
  - **Parental PIN level**

    Serves to set up restrictions on content which is not suitable for children. These settings automatically hide programs (recorded or from the video library) which are not suitable for children (it moves them to the adult folder which is accessible only after entering the PIN) and requires the parent PIN to view adult content.
- **Video service settings**

  Video settings – recorded programs, programs from the video library (not yet active). Contains **language preferences**, where you set up the preferred default language for audio and subtitles, and **sort by** to sort programs from the video library according to various criteria (not yet active).
- **TV channels**
  - This item serves both for the purpose of the **parental lock activation** (protection of the children against inappropriate content) and for the purpose of a **change in the order of the channels**.
  - **Activation / deactivation of the parent lock** is performed by the red context button. This always concerns one channel which is active. If the lock is activated, then at any time when the respective channel is selected on the set-top box prior to its display, the person watching TV is asked to enter the PIN code of the parental lock.

  Shift of channels (their order on the set-top box) is performed as follows: go to the channel, the position of which you wish to change, press **OK** (the channel will turn white) and then move it using arrows up or down. Then press **OK** again.

  Movement within the table of channels is performed by the cursor arrow keys.

  In the end, it is necessary to save the changes – the **green** context button.
- **Radio channels**

  This item is identical to setting up of TV channels

- **STB settings**

  Various set-top box settings:

  - **STB information**

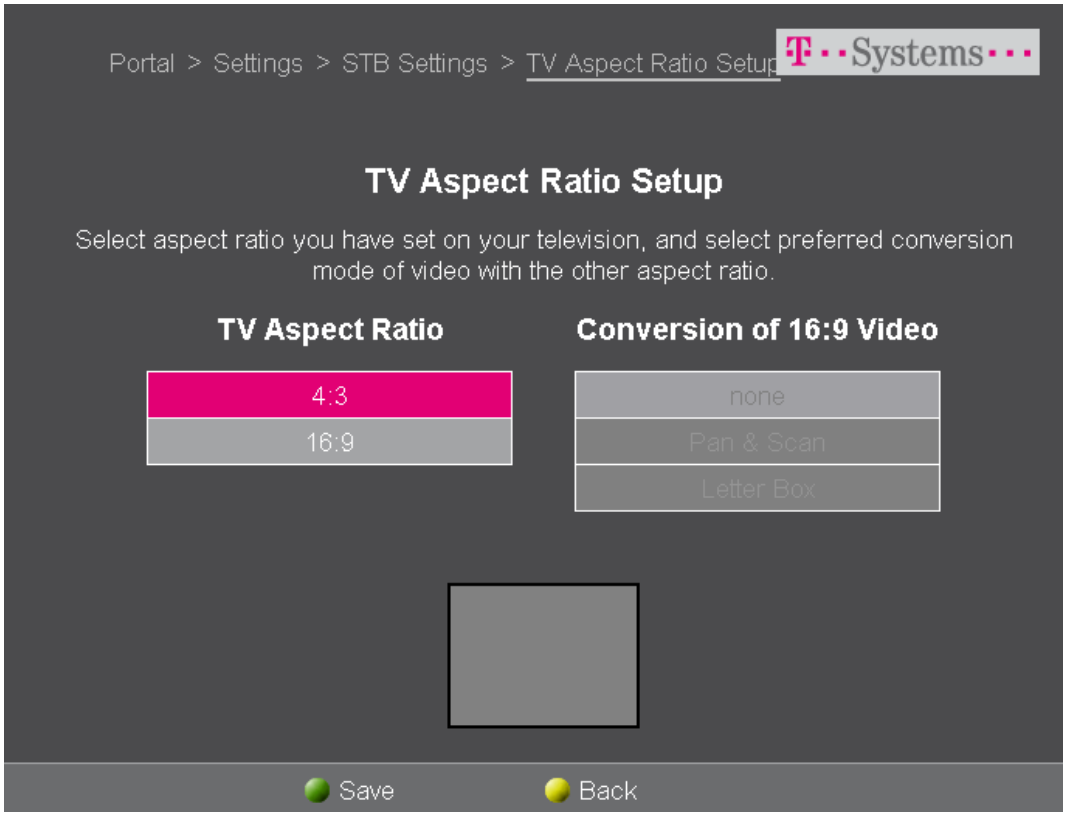
    Displays basic information on the set-top box – its serial number, IP and MAC address, etc. For the purpose of the standard operation, it is not relevant for a common user.

  - **Video output setup (scart connector only)**

    This item sets the video output for the scart connector, see the figure. In the left part, the output format is to be set, in the right part, the TV standard. Both the items may be changed independently. The output format may be set **only** for analogue standard definition using the scart connector. Which output and the reason why to select it has been described in part 3.

For HD definition, it is necessary to set the output format directly in the firmware of the set-top box, see section 3.2 of this instruction manual.

  - **TV aspect setup**


Portal > Settings > STB Settings > TV Aspect Ratio Setup
Systems
TV Aspect Ratio Setup
Select aspect ratio you have set on your television, and select preferred conversion mode of video with the other aspect ratio.
TV Aspect Ratio
Conversion of 16:9 Video
4:3
16:9
none
Pan & Scan
Letter Box
Save
Back

On the left, you select the actual type of your television set (the screen format) either the classical square-like 4:3 or the wide rectangular-like 16:9.

On the right, you select customization of the picture if the program is broadcast in another that the actual definition (e.g. if you have the 4:3 television set and the program (typically a film) is broadcast as 16:9 and vice versa).

For the 4:3 television sets, your possibilities to customize the picture are as follows:

- None – the 16:9 picture will be distorted
- Pan&Scan – the picture is cut out on the sides and you will not see it complete, the entire screen will be used
- Letter box – the picture gets narrower, a black unused band will be seen at the top and at the bottom of the screen, however, you will see a complete picture.

For the 16:9 television sets, your possibilities to customize the picture are as follows:

- None – the 4:3 picture will be distorted
- Overscan - the picture is cut out at the top and at the bottom and you will not see it complete, the entire screen will be used
- Pillar box - the picture gets narrower, a black unused band will be seen on both the sides of the screen, however, you will see a complete picture.

Similar setting may be performed directly on your television set as well.

o **Screen centering**
Shift of the picture (if it is not directly in the middle) to the left / to the right / up /down. The shift is performed using the cursor arrow key (fine shift) or using the PAN arrows (coarse shift in big steps).

8 Enhanced TV – Doing tricks with TV (original design)

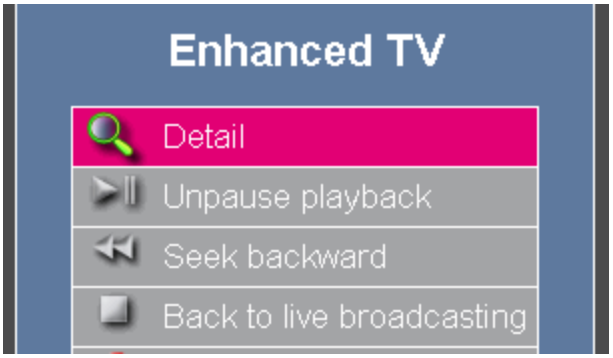
Clicking on the **green** button while watching TV (or using the fast EPG) will take you to the Enhanced TV menu. It offers premium functions not available with standard TV. To navigate the Enhanced TV menu, use the standard up/down cursor arrows. Use OK to confirm a selection.

8.1 Description of individual items in the Enhanced TV menu

8.1.1 Detail

Displays a description of the current program.

8.1.2 Pause playback



Pauses playback of the current program, for example if you need to leave the TV. To continue playback, enter the Enhanced TV menu again and use the "Unpause playback" button, which is now displayed instead of the "Pause playback" button. Select the button and confirm with OK. Playback will start from where it was paused (delayed). To return to the real-time broadcast (live) use the "back to live broadcast" button.

There is now also a "rewind" (Seek backward) button, which enables not only pausing, but rewinding as well. Fast-forward is not possible.

Note: Pause can be activated not only from the menu, but also (and better) by using the play/pause button (the far left VCR button – see image of remote control). The stop button (far right) goes back to live broadcasting. The second button from the left side can be used for rewinding. Be careful not to press the colored buttons, but those above them.

8.1.3 Play from beginning

The play from beginning function enables replaying an ongoing program from the beginning.

Note: The system does this according to the EPG, so there will be commercials at the beginning which cannot be skipped. However, fast-forward is possible in the new Portal version (this is probably the most significant functional difference between the two visual versions). In the case of an extremely long program (for example a tennis match with many sets), the beginning is not guaranteed.

8.1.4 Record

Clicking on "Record" activates the virtual video recorder and initiates recording of the current program. The recorder is virtual because it is not integrated into the set-top box, neither is it necessary to connect it in any way. Videos are recorded centrally at T-Systems servers.

Several notes regarding this type of recording:

- Recording is always performed according to information from the EPG, which means that:
  - It is possible to record programs from their beginning even if they are already under way (=all programs are recorded from their beginning).
  - It is not possible to record a program otherwise than as stated in the EPG (= it is not possible to skip the commercials before a program and start recording after them, it is not possible to record only part of a program – even if turned on halfway through, the entire program will be recorded).
  - If the broadcast is not on time as stated in the EPG (usually delayed), this affects the recording. Hence the video recorded automatically starts recording some time before the selected program and ends some time after its end.
- It is possible to watch something else then what is being recorded.
- It is possible to record multiple programs simultaneously (and watch something else as well).
- It is possible to record when you are not there using a timer (programmed recording).
- Every customer has their maximum time limit for recordings. The limit cannot be exceeded. If your "virtual video cassette" (storage space) is full, it is not possible to record further without deleting something. These limits are stated in the viaTV FAQ on the website. Premium price plans have more space for recordings.
- Your programs are saved in your storage space for an unlimited time. They are not automatically deleted in time.
- It is not possible to access the recorded programs otherwise than via the set-top box (they cannot be burned to a CD, etc.). It is not possible to edit recorded videos
- Some TV stations may restrict or prohibit recording of their programs. In such a case, it is not possible to record them via the Enhanced TV service.

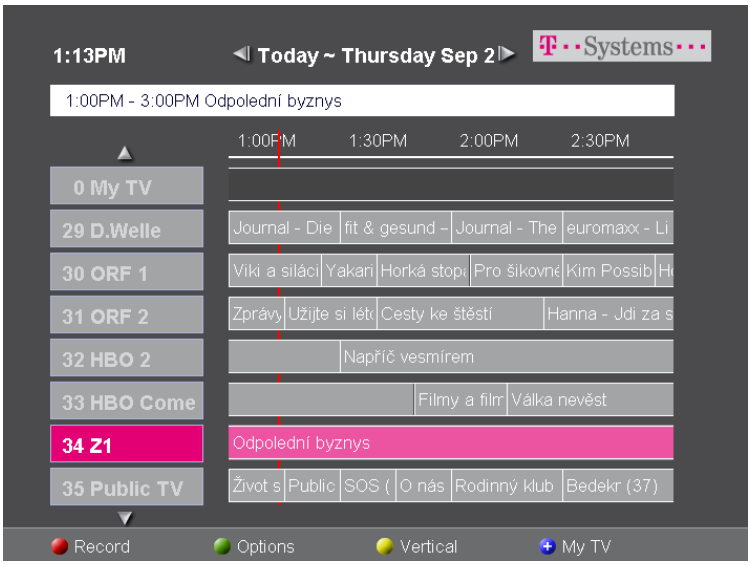
- It is not possible to record programs from the video library or similar services (HBO Digital). (In the future, these services are not yet provided.)

How recording works

- **Recording an ongoing program**
  - Press the red context button (to directly start recording) or…
  - … press the green context button "options" (to enter the Enhanced TV menu) and select record

  The same (red or green) buttons are used to stop recording
- **Planned recording using the timer**

Recording is done using the EPG – select the channel and program that you wish to record. If it is possible to record it, press the red button. The program will be highlighted and recorded automatically.



Use an opposite procedure to cancel the planned recording.

It is possible to record multiple programs simultaneously, even if the set-top box is turned off (it can even be pulled out from the socket).

Playback and deletion of recorded programs

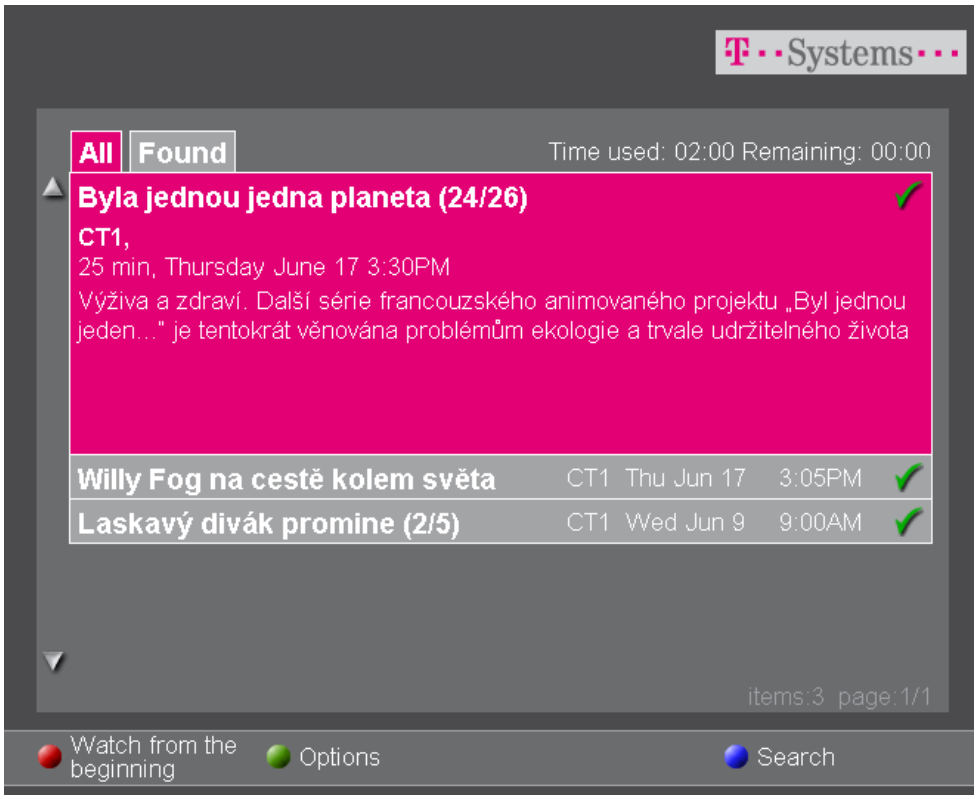
All recorded programs can be found in the Menu - "video recorder" folder.

(Press **Menu** on the remote control, select **Video Services -> Personal VCR**).

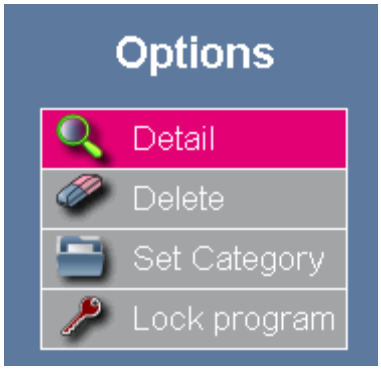
Under "Perosnal VCR", you can view all your recorded items and sort them according to various criteria.

Press the red button to play the selected program.

The upper right corner displays the time used and time remaining for recordings.


Systems
All
Found
Time used: 02:00 Remaining: 00:00
Byla jednou jedna planeta (24/26)
CT1,
25 min, Thursday June 17 3:30PM
Výživa a zdraví. Další série francouzského animovaného projektu „Byl jednou jeden…" je tentokrát věnována problémům ekologie a trvale udržitelného života
Willy Fog na cestě kolem světa CT1 Thu Jun 17 3:05PM
Laskavý divák promine (2/5) CT1 Wed Jun 9 9:00AM
items:3 page:1/1
Watch from the beginning
Options
Search

Pressing the green button displays options related to the program:



- **Detail** – description of the program
- **Delete** - deletion
- **Category** – displays a keyboard, which can be used to assign the selected program to a certain (user-created) category
- **Lock program** – lock the program with a parental lock if it is not suitable for children

8.1.5 Mosaic

Mosaic divides the TV screen into 9 smaller screens and displays the current programs of 9 various channels. This gives you a quick overview of what is currently showing.

Use the cursor arrows to navigate between the sections. The section inside the frame shows your current location. This selected channel will be played with sound. Press the OK button to switch to the channel in the frame and display it normally over the entire screen.

Press the down arrow to scroll down to further screens.

The channels on the screens roughly comply to the themes of individual channels (general, sport etc.). This is fixed and cannot be changed by the user.

Restricted display

- If a channel is locked with a parent lock, it shows a padlock image. When you click on the image, you will be prompted to enter the parent PIN.
- If a channel may be ordered via Self-Care, it displays a shopping cart image. Click on the image to proceed to Self-Care, where you may order it. Sound will be on for 5 seconds.
- Channels from a higher price plan will not be displayed at all.

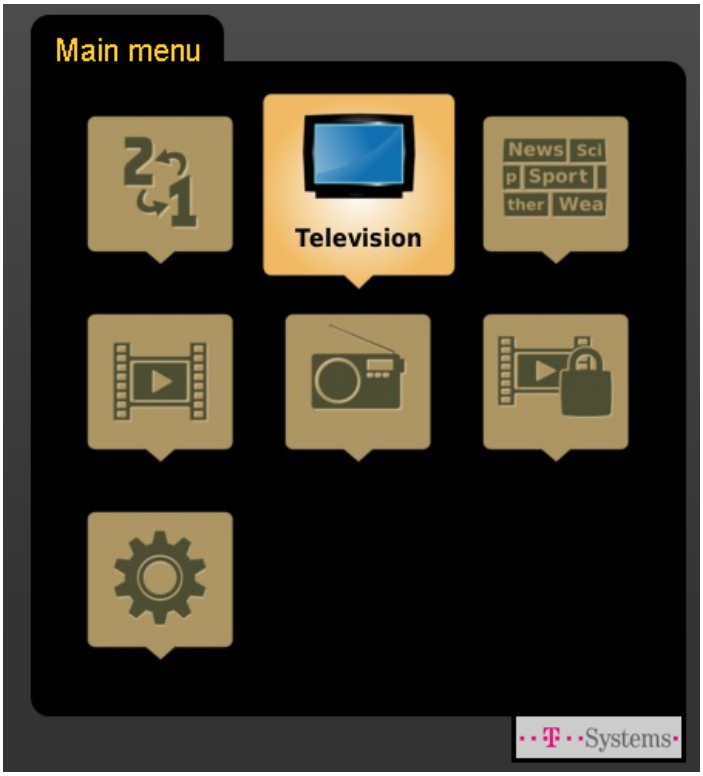
9 Map of the Portal (new design)

Click on the Menu button to display the Main Menu:

Use the cursor arrows to navigate up/down and right/left.

The active icon is slightly larger, highlighted and its description is displayed under it (here the active icon is "Television")

Press OK to confirm or BACK to go back.



Description of the icons:

Main Menu, line one:

- **Original portal design** – switches to the original (= other) viaTV Portal version.
- **Television** – switches back to TV broadcast and briefly displays the quick EPG related to the respective channel and time
- **Program guide** – switches to the program guide (EPG)**.**

Main Menu, line two:

- **Recorded programs** – access to recorded programs (video recorder)
- **Radio –** switches to radio broadcast and briefly displays the quick EPG related to the respective channel and time
- **Recorded programs (lock)** – enables locking recorded programs (adult only)

Main Menu, line three:

- **Settings** – various settings of the set-top box and the service itself

A detailed description is provided further on.

Weather application

Right of the menu is an icon informing about the current weather in the given region. It serves for information only in the displayed form.

9.1 The meaning of the individual items of the Main menu:

9.1.1 Old version

Original portal design – switches to the original (= other) viaTV Portal version.

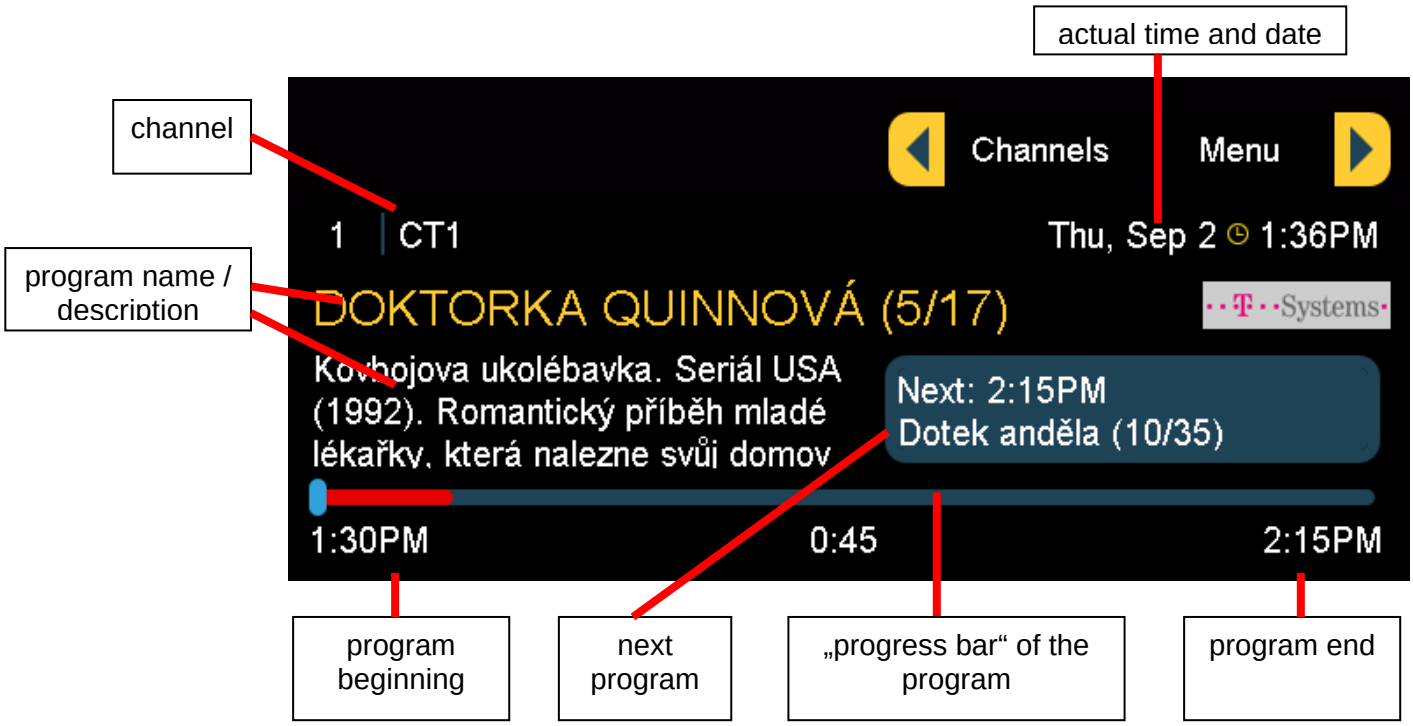
9.1.2 Television

Switches back to TV broadcast and shortly activates the **EPG** (Electronic program Guide). The EPG serves as an advanced teletext as far as information on the programs is concerned. Within the scope of approx. one week, it informs of all programs on the individual channels, namely quickly and without disturbing commercials. Unlike teletext (which is also included in the viaTV service), it does not inform of anything else.

The EPG is displayed both automatically upon every change of a channel, the so-called *quick EPG* – brief information at the bottom of the screen concerning the program you are just watching. This information may be displayed by pressing **OK** in the course of regular watching. For the purpose of watching TV, press **OK** again.

The program description within the EPG is in Czech only, regardless the set up Portal language.

The *quick EPG* is displayed at the screen bottom and shows this information:



If the quick EPG is displayed, you can use the two arrows in its top right area.

- **Click on the left arrow key of the remote control to display a list of channels.**
- **Click on the right arrow key of the remote control to display the Menu.**

The same is possible when watching TV, even if the quick EPG is not displayed.

The list of channels looks this:

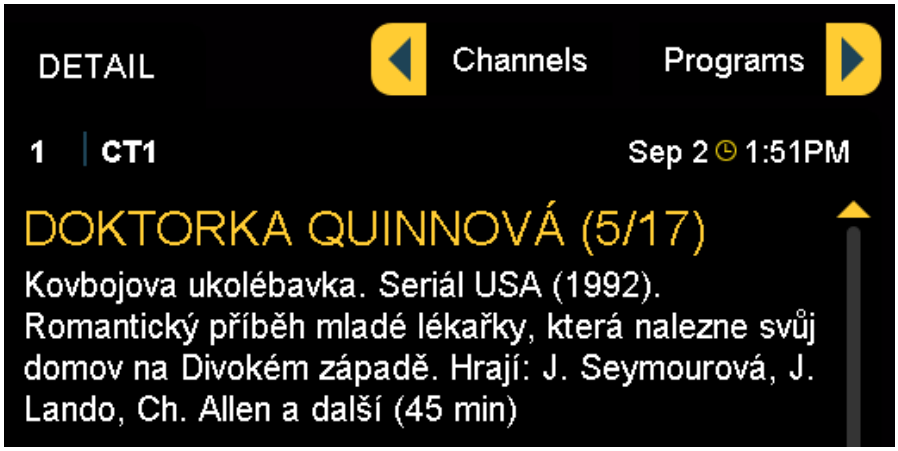
The left area shows the name of the channel, the right area shows what's currently on.

You can browse the list using the up/down arrows and display the channel of your choice. Click OK to display the selected channel's broadcasting.

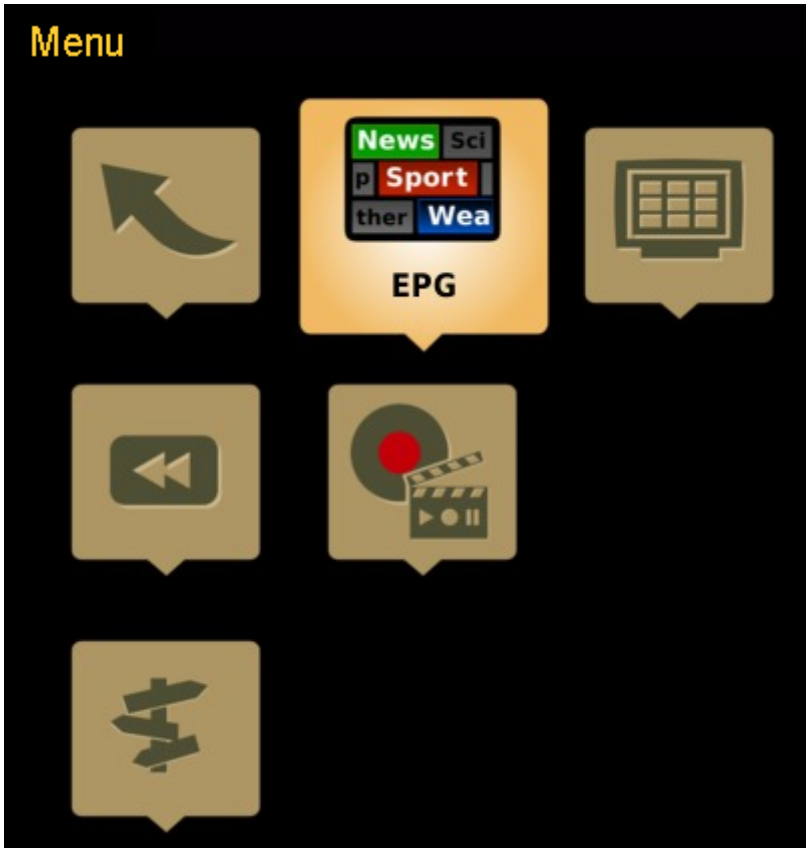
When you click on the left arrow of the remote control while browsing the list of channels, Programs are displayed – a list of programs of the respective channel for the current day.

When you click on the right arrow of the remote control while browsing the list of channels, Detail is displayed – a detailed description of the respective channel. You can also display detailed descriptions of future (or past) programs by displaying a list of programs (left arrow – Programs), selecting a program and displaying details.

Example of program detail:



If you click the right arrow when the quick EPG is displayed, the **Menu** will be shown:



Description of icons:

Menu, line one:

- **Back** – back to previous screen
- **Program guide** – displays the complete EPG
- **Mosaic** – displays several TV channels simultaneously to provide an overview of what is on

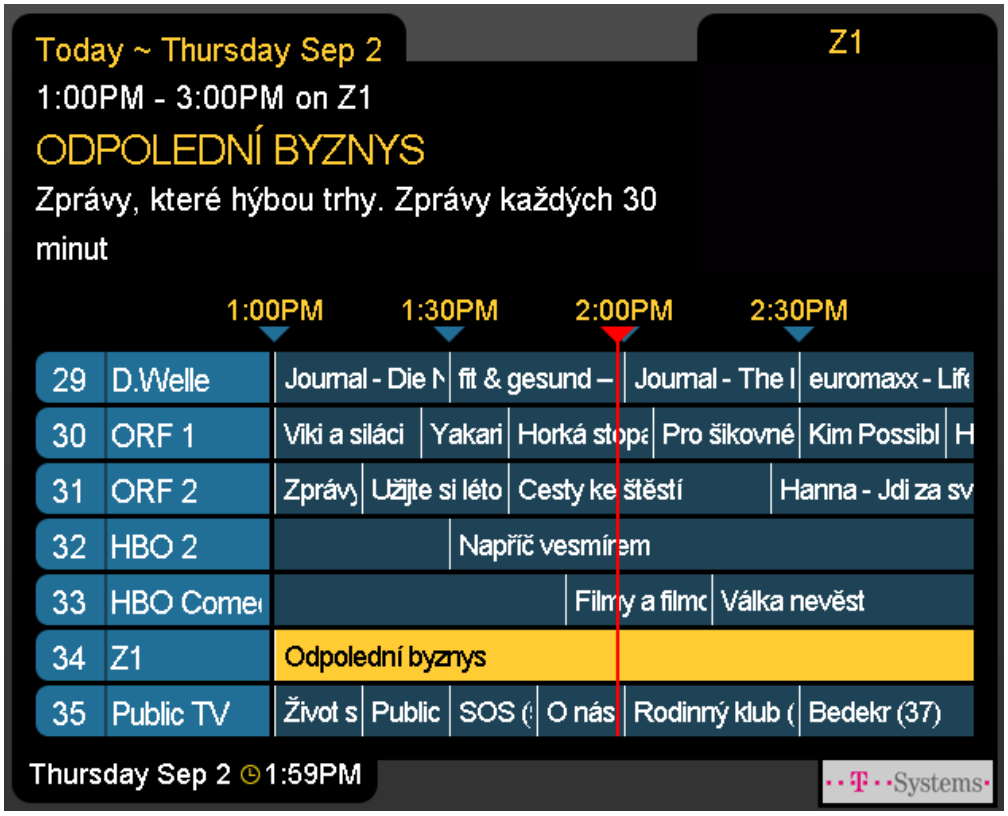
Menu, line two:

- **Watch from the beginning** – plays the current program from its beginning
- **Record program** – records the current program
- **Main Menu** – switches to the Main Menu

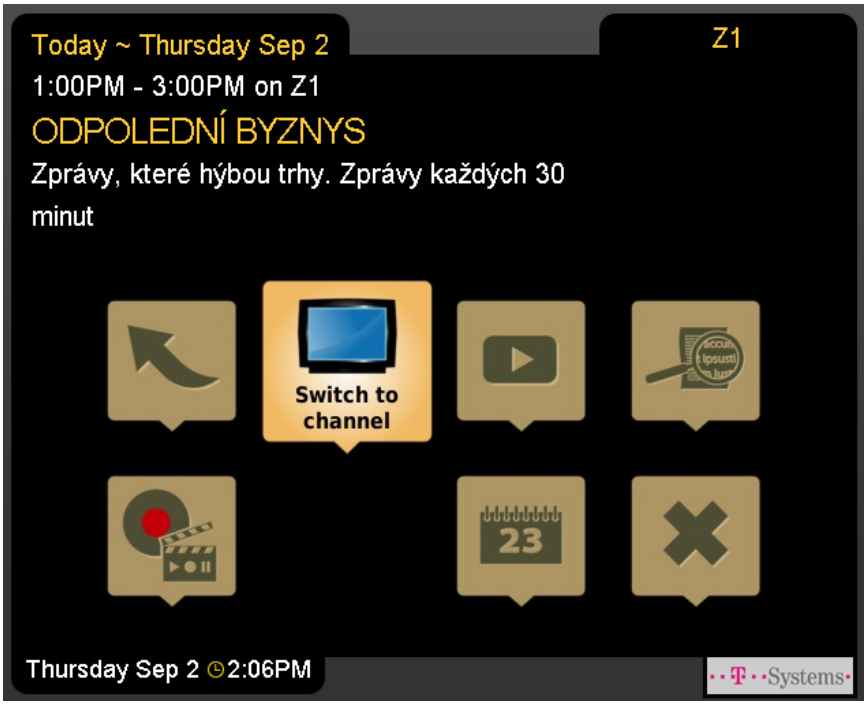
A detailed description of the Menu is provided further on.

9.1.3 Program guide

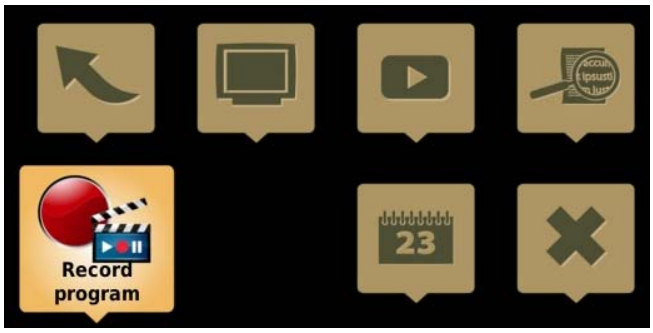
Displays the full program guide (EPG):



Left is a list of channels, right is a timeline and individual programs. A short description of the selected (yellow highlighted) program is displayed at the top. Click on OK to display details of the selected program and further options on what to do with the program:



Description of icons:



- **back arrow** – return to the previous screen (EPG)
- **Switch to channel** – displays live TV broadcasting
- ***Watch** – displays TV broadcasting with the option to pause and rewind the program
- **Detail** – displays a description of the program
- ***Record** – records the selected program
- **Close** – return to watching TV

* These functions need not be available for all programs.

All These functions are described further in the section Enhanced TV

Other items in the Main Menu:

9.1.4 Recorded programs

In this part of the Main Menu you can access the programs that you have recorded.

- **Recorded programs –** contains programs which you have recorded with the virtual video recorder. The recordings are saved to central T-Systems servers, so there is nothing saved in the actual set-top box and it is not necessary to connect any additional devices.

  This section serves only to play recorded content. For recording, press the red button during a program or use the Menu or the above menu, which is displayed after clicking on the selected program in the EPG.

9.1.5 Radio

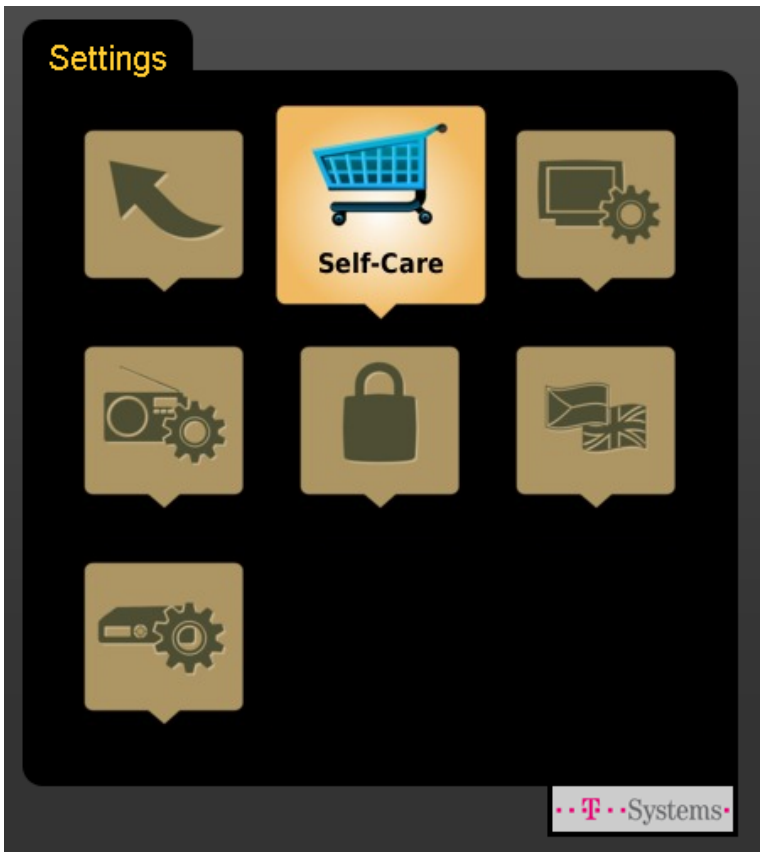
Same as "Television", but for radio stations.

9.1.6 Recorded programs (lock)

Enables locking a recorded program which is not suitable for children (when the parent PIN is entered).

9.1.7 Settings

Various settings and access to other TV channels via Self-Care

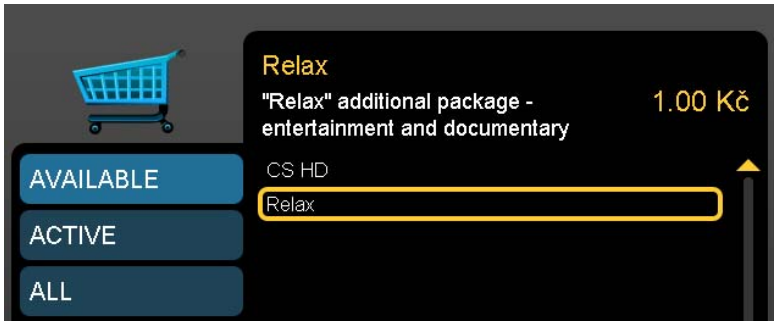


Description of icons:

Menu Settings, line one:

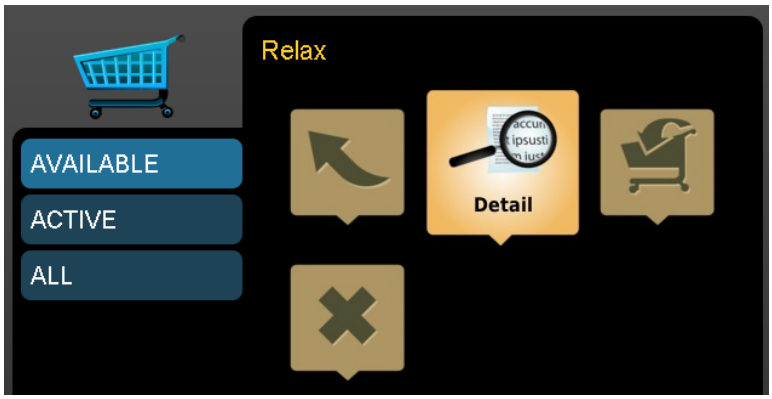
- **Self-Care**

Self-Care is a way to order additional TV channels. Clicking here displays a list of available channels or packages (packages of similar TV channels ordered at once). Use the up/down arrow keys to navigate the channels. The current package is displayed along with the channels it contains and the monthly price.



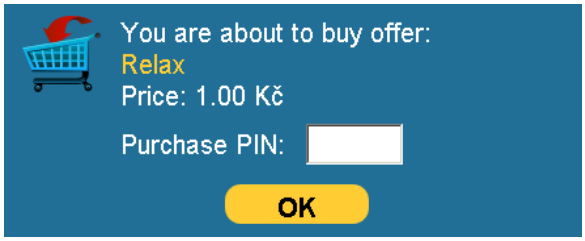
After having clicked onto a selected channel package, a menu dedicated to the package appears:

Item „Detail“ displays a detailed description of the package, especially the list of channels.



To order a package click onto the shopping cart icon and then enter the purchase PIN.

To cancel your package, proceed analogically. Remember that when ordered, some packages must be active for at least one month. It is not possible to cancel it earlier.



Newly ordered channels should appear in the list immediately and their content should be available within approximately 15 minutes.

TV channels offered in Self-Care cannot be ordered or cancelled otherwise than through Self-Care.

Self-Care is not available for viaTV Basic.

- **TV channels**
  - This item serves both for the purpose of the **parental lock activation** (protection of the children against inappropriate content) and for the purpose of a **change in the order of the channels**.
  - **Activation / deactivation of the parent lock** is performed by the red context button. This always concerns one channel which is active. If the lock is activated, then at any time when the respective channel is selected on the set-top box prior to its display, the person watching TV is asked to enter the PIN code of the parental lock.

Shift of channels (their order on the set-top box) is performed as follows: go to the channel, the position of which you wish to change, press **OK** (the channel will turn white) and then move it using arrows up or down. Then press **OK** again.

Movement within the table of channels is performed by the cursor arrow keys.

In the end, it is necessary to save the changes – go to "save" and press **OK**.

Menu Settings, line two:

- **Radio channels**

  This item is identical to setting up of TV channels

- **Security**
  - **Parental PIN change**

    It changes the PIN code for the purpose of security of the individual channels so that your children could not watch them. It is necessary to enter the existing PIN code, the new PIN code and the new PIN code again for confirmation. For confirmation, press **OK**.
  - **Purchase PIN change**

    It changes the PIN code for the purpose of purchase of the additional channels (packages) in Self-Care or in virtual video rental. It is necessary to enter the existing PIN code, the new PIN code and the new PIN code again for confirmation. For confirmation, press **OK**.
  - **Parental Lock**

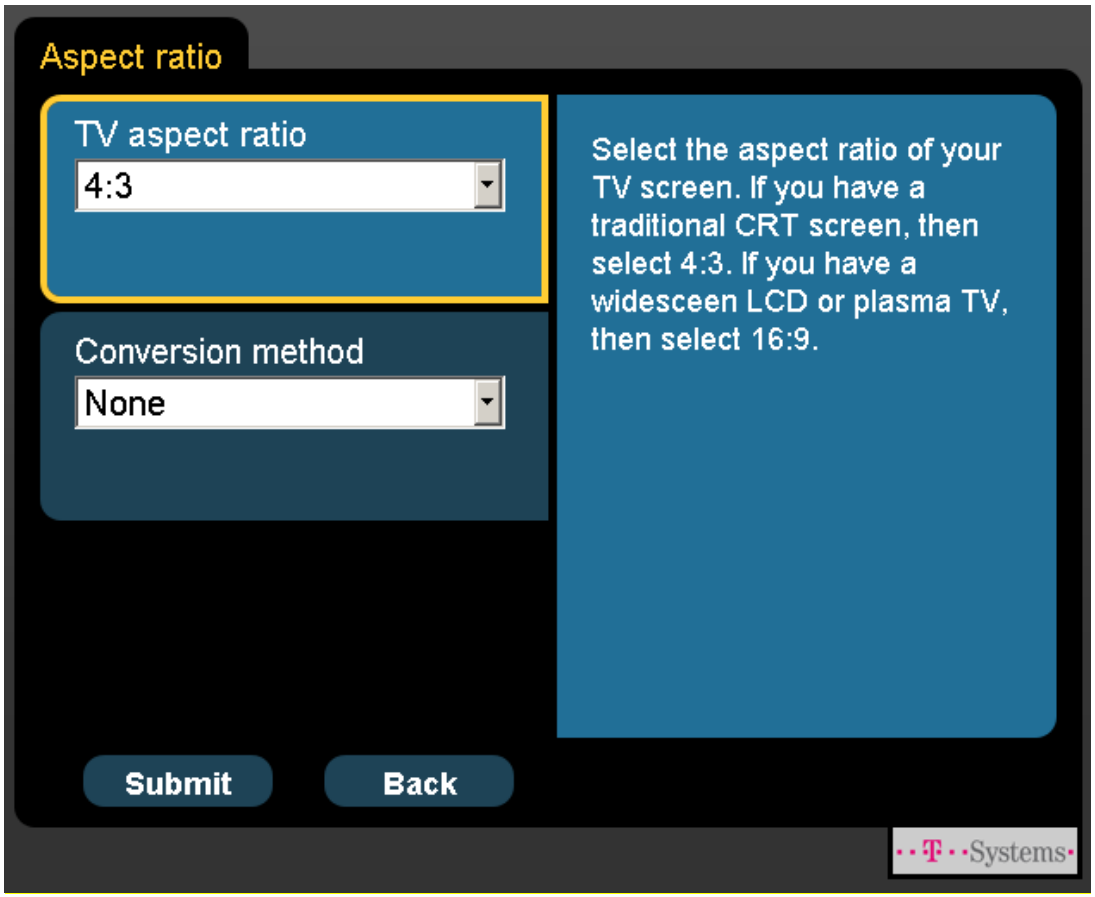
    Serves to set up restrictions on content which is not suitable for children. These settings automatically hide programs (recorded or from the video library) which are not suitable for children (it moves them to the adult folder which is accessible only after entering the PIN) and requires the parent PIN to view adult content.

Menu Settings, line three:

- **STB settings**

Various relatively important set-top box settings, usually performed only at the beginning:

- **Aspect Ratio**


Aspect ratio
TV aspect ratio
4:3
Conversion method
None
Select the aspect ratio of your TV screen. If you have a traditional CRT screen, then select 4:3. If you have a widesceen LCD or plasma TV, then select 16:9.
Submit
Back
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On the top, you select the actual type of your television set (the screen format) either the classical square-like 4:3 or the wide rectangular-like 16:9.

Bellow it, you select customization of the picture if the program is broadcast in another that the actual definition (e.g. if you have the 4:3 television set and the program (typically a film) is broadcast as 16:9 and vice versa).

For the 4:3 television sets, your possibilities to customize the picture are as follows:

- None – the 16:9 picture will be distorted
- Centre cut out – the picture is cut out on the sides and you will not see it complete, the entire screen will be used
- Letter box – the picture gets narrower, a black unused band will be seen at the top and at the bottom of the screen, however, you will see a complete picture.

For the 16:9 television sets, your possibilities to customize the picture are as follows:

- None – the 4:3 picture will be distorted
- Overscan - the picture is cut out at the top and at the bottom and you will not see it complete, the entire screen will be used
- Pillar box - the picture gets narrower, a black unused band will be seen on both the sides of the screen, however, you will see a complete picture.

Similar setting may be performed directly on your television set as well.

- Video output

The "video output" menu enables setting up the video outputs of the set-top box – how you will connect the television set. There are three items in this menu:

Video output – Select the used video output (connector used to connect the set-top box to the television set. There are two options: SCART and HDMI / Component. Select the one which your television set is equipped with. If it has both, select HDMI.

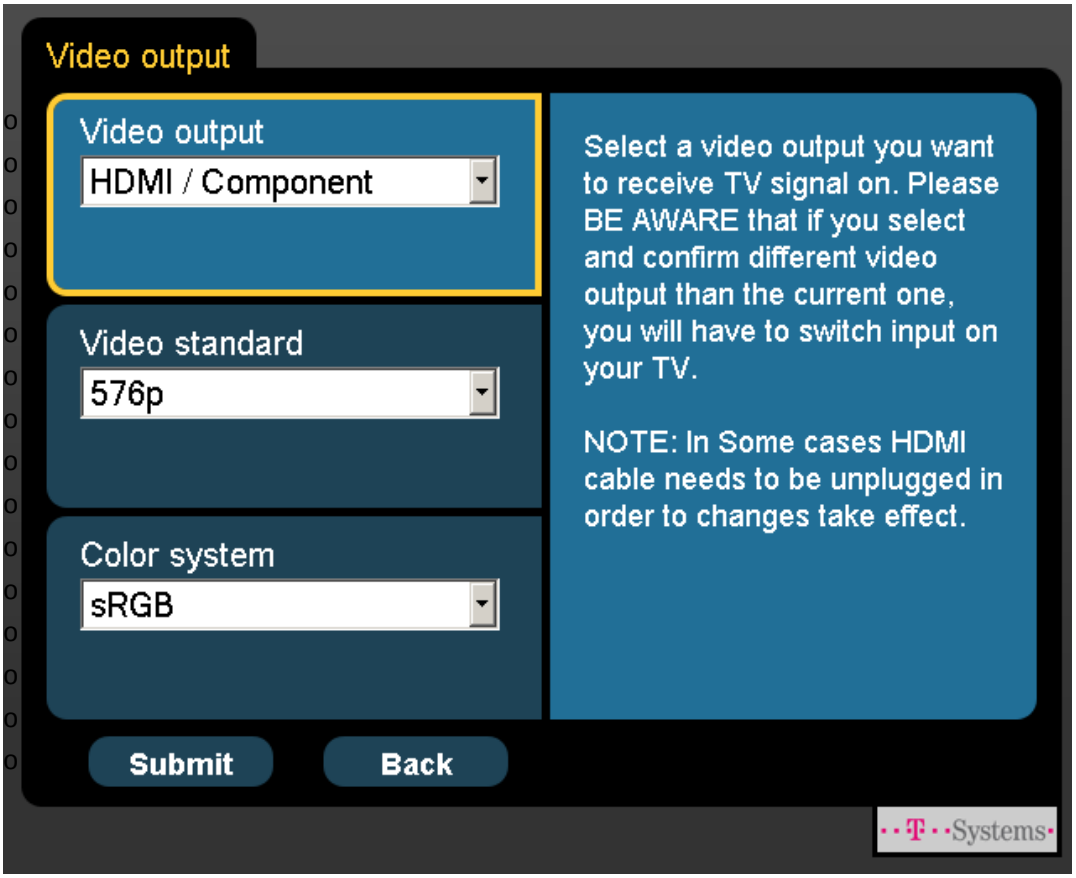
Video standard – set up how signal is transmitted via the abovementioned connector.

- For SCART, select RGB, S-Video or CVBS. (The scart connector can transmit signal in various ways – it is actually several connectors integrated into one). RGB has the best quality, followed by S-Video and CVBS (common composite signal). Select according to the capabilities of your television set.
- In the case of the HDMI connector (digital high definition) or Component (analog high definition – three round connectors Y, Pb and Pr), it is necessary to define the quality of the resolution – either HD ready (720p) or full HD (1080i) – see the television set manual. You can also select standard 576p resolution (standard PAL in digital quality).

  The HDMI output may also be set up according to article 8 of this manual.

Color systems (Video standard) – necessary to set up only for the SCART connector. Select PAL. For HDMI or Component, sRGB is automatically selected.

Do not forget to save your settings.


Video output
Video output
HDMI / Component
Video standard
576p
Color system
sRGB
Select a video output you want to receive TV signal on. Please BE AWARE that if you select and confirm different video output than the current one, you will have to switch input on your TV.
NOTE: In Some cases HDMI cable needs to be unplugged in order to changes take effect.
Submit
Back
T Systems

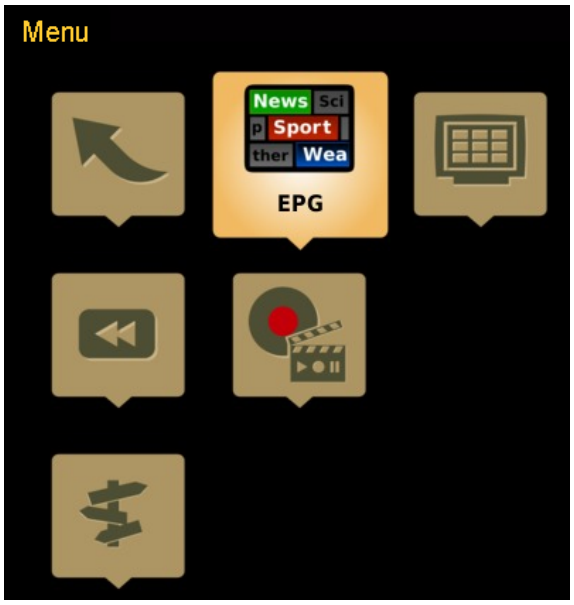
- **Screen centering**

  Shift of the picture (if it is not directly in the middle) to the left / to the right / up /down. The shift is performed using the cursor arrow key (fine shift) or using the PAN arrows (coarse shift in big steps).

- **Info**

  Displays basic information on the set-top box – its serial number, IP and MAC address, etc. For the purpose of the standard operation, it is not relevant for a common user.

10 Enhanced TV – Doing tricks with TV (new design)

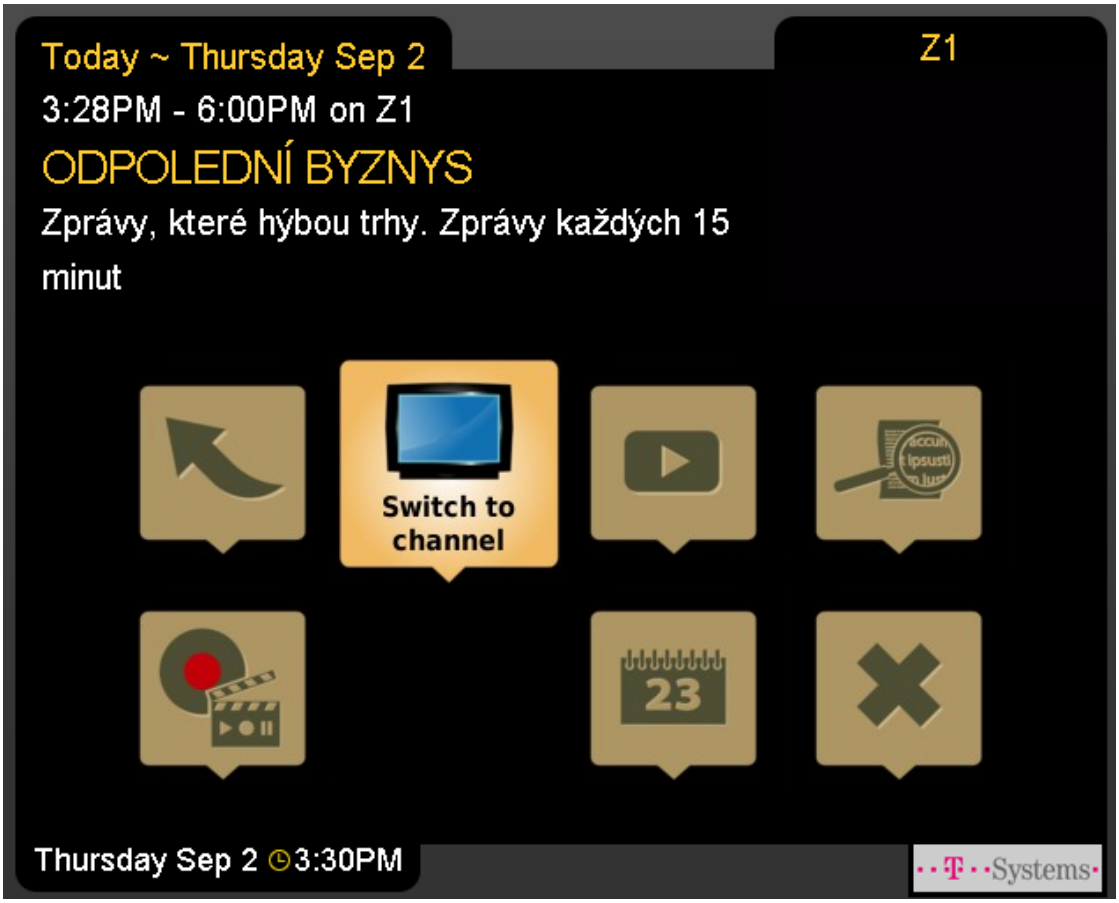


Enhanced TV offers several premium functions not available with standard TV. Some of these functions were already described but here is an overview.

Enhanced TV controls are contained in the detailed program description. Navigate to it via the EPG program guide (press the right arrow when watching TV -> displays the **Menu**, select the guide). Select your preferred program in the guide, which displays all channels and programs. If it is the one you are watching, just press OK, since it is always the default program.

After selecting the program, a menu will be displayed with various options regarding the program (see below).

Note: If you want to apply Enhanced TV to the current program, you can also use the Menu (Mosaic, Pause, Watch from the beginning, Record program).



10.1 Description of individual menu items:

10.1.1 Back

Return to the previous screen (EPG)

10.1.2 Switch to channel

Displays live TV broadcasting of the given channel.

10.1.3 Watch // Pause / Watch from the beginning

First of the Enhanced TV functions. "Watch" also displays the TV broadcast, but with the option to pause and rewinding the ongoing program, for example if you need to leave the TV for a while.

How does it work? Select "watch" and confirm with the OK button and you will return to the live broadcast. If you now click on OK to display the quick EPG, it will be slightly different – there will be three new buttons in its lower part which can be used to control the program. These buttons mean:

- **Delete** (striped square in the left) – deletes the control menu from the screen so it does not disrupt the program. It can be displayed again by pressing OK.
- **Pause / play** (two lines in the middle) – pauses the current program. After being used, it changes to a Play button (triangle) to turn the (delayed) program on again.
- **Stop** (white square in the right) – back to live (un-delayed) broadcasting.

Press the up cursor arrow to navigate to the timeline above the buttons. You can then use the left/right buttons to rewind the program until its beginning. Start the program by pressing play/pause.

Return to the buttons under the timeline by again pressing the down arrow.

Note: Pause can be activated not only from the menu, but also (and better) by using the play/pause button (the far left VCR button – see image of remote control). The stop button (far right) goes back to live broadcasting. The second button from the left side can be used for rewinding.

In the Menu, these functions are labeled "Pause" and "Watch from beginning". Their functions are the same – one stops (and starts) the current program, the other starts the current program from its beginning.

Note: The system does this according to the EPG, so there will be commercials at the beginning which cannot be skipped. However, fast-forward is possible in the new Portal version (this is probably the most significant functional difference between the two visual versions). In the case of an extremely long program (for example a tennis match with many sets), the beginning is not guaranteed.

10.1.4 Detail

Displays a description of the program

10.1.5 Record

Clicking on "record" activates the virtual video recorder and initiates recording of the current program. The recorder is virtual because it is not integrated into the set-top box, neither is it necessary to connect it in any way. Videos are recorded centrally to T-Systems servers.

Several notes regarding this type of recording:

- Recording is always performed according to information from the EPG, which means that:
  - It is possible to record programs from their beginning even if they are already under way (=all programs are recorded from their beginning).
  - It is not possible to record a program otherwise than as stated in the EPG (= it is not possible to skip the commercials before a program and start recording after them, it is not

possible to record only part of a program – even if turned on halfway through, the entire program will be recorded).

- If the broadcast is not on time as stated in the EPG (usually delayed), this affects the recording. Hence the video recorded automatically starts recording some time before the selected program and ends some time after its end.

- It is possible to watch something else then what is being recorded.
- It is possible to record multiple programs simultaneously (and watch something else as well).
- It is possible to record when you are not there using a timer (programmed recording).
- Every customer has their maximum time limit for recordings. The limit cannot be exceeded. If your "virtual video cassette" (storage space) is full, it is not possible to record further without deleting something. These limits are stated in the price list and the website. Premium price plans have more space for recordings.
- Your programs are saved in your storage space for an unlimited time. They are not automatically deleted in time.
- It is not possible to access the recorded programs otherwise than via the set-top box (they cannot be burned to a CD, etc.). It is not possible to edit recorded videos
- Some TV stations may restrict or prohibit recording of their programs. In such a case, it is not possible to record them via the Enhanced TV service.
- It is not possible to record programs from the video library or similar services (HBO Digital). (In the future, these services are not yet provided.)

How recording works

- **Recording an ongoing program**
  - Press the red context button (to directly start recording) or
  - Press right arrow key (to enter the Menu, then select item „Record“)

  The same is used to stop recording (the red button or the righ arrow key)
- **Planned recording using the timer**

Recording is done using the EPG – select the channel and program that you wish to record. If it is possible to record it, press the red button. The program will be highlighted and recorded automatically.

Use an opposite procedure to cancel the planned recording.

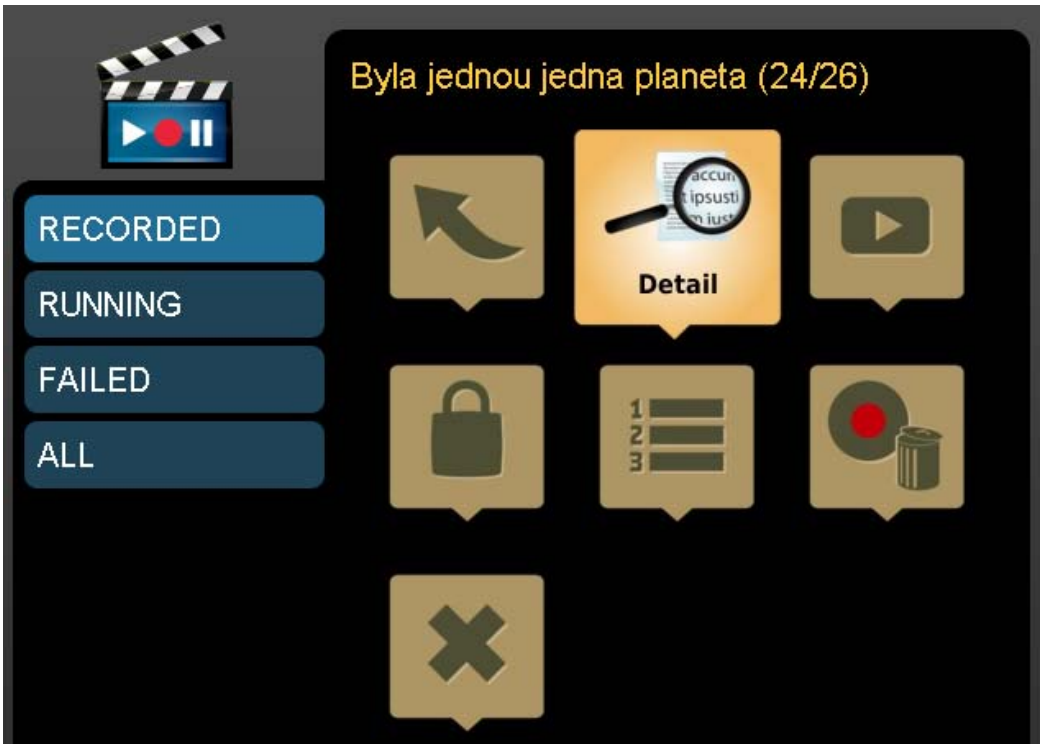
It is possible to record multiple programs simultaneously, even if the set-top box is turned off (it can even be pulled out from the socket).

Playback and deletion of recorded programs

All recorded programs can be found in the Main Menu - "Personal VCR" folder. The "Personal VCR" folder may also be located in the "Video" menu, depending on the offered services.

(Press Menu on the remote control, select "video").

"Recorded programs" displays all recorded programs, which can then be divided on the left into recorded, running (recording is under way or has not yet started), failed (recording failed for some reason) or all. An image may be displayed next to the programs. If no image is defined, a black and white puzzle will be displayed.



If the name of the film is not displayed in the upper area, then the area displays the time used and time remaining for recordings.

Select "recorded" and press OK to display a list of recorded programs which may be played. Select one of them and press OK to enter the menu for the given recorded program.

- **Detail** – description of the program taken from the EPG
- **Watch** – plays the program, it is still possible to pause and rewind (for details see Enhanced TV – "watch" function).
- **Lock program –** lock the recorded program with a parental lock if it is not suitable for children.
- **Text record –** switches the list of channels to text
- **Delete recording** – delete the recorded program to make space for another.

10.1.6 Close

Return to watching television.

10.1.7 Mosaic

Mosaic divides the TV screen into 9 smaller screens and displays the current programs of 9 various channels. This gives you a quick overview of what is currently showing. To access the mosaic, get into the Menu.

Use the cursor arrows to navigate between the sections. The section inside the frame shows your current location. This selected channel will be played with sound. Press the OK button to switch to the channel in the frame and display it normally over the entire screen.

Press the down arrow to scroll down to further screens.

The channels on the screens roughly comply to the themes of individual channels (general, sport etc.). This is fixed and cannot be changed by the user.

Restricted display

- If a channel is locked with a parent lock, it shows a padlock image. When you click on the image, you will be prompted to enter the parent PIN.
- If a channel may be ordered via Self-Care, it displays a shopping cart image. Click on the image to proceed to Self-Care, where you may order it. Sound will be on for 5 seconds.
- Channels from a higher price plan will not be displayed at all.

11 Summary

This is a slightly informal summary of the entire instruction manual – a few pieces of good advice and tips as remuneration for those who have read up to this point :-)

Unwrap the set-top box and take it out from the box. Remove all packaging materials but do not throw away the box if the set-top box is subject to lease.

If it is cold outside (the temperature is at or below the freezing point), get the set-top box adapted after unwrapping in the room for approx. 30 minutes.

Connect all the cables as is specified in the instruction manual, put batteries in the remote control and switch the set-top box on.

Upon a successful start (colored points on the screen, which takes approx. 4 minutes), the set-top box will ask you to enter the PUK code (which is provided in the letter concerning the service) and the PIN codes (which you will make up). Then the service should be activated.

If you wish to use the HDMI output on the set-top box, it is necessary to perform this output setting prior to the starting process (see section 8 – Set-top box setting).

What is available for watching and how shall I control it?

Watching TV

Channels may be switched between either in a classical way using numbers or by the up / down system (using the cursor arrow keys). A good thing is to press the right or left cursor arrow key - you will get a list of all channels. Going to the selected channel and confirming your option by pressing "OK", you activate it.

Sound may be amplified both on a television set and on the set-top box. Or it may be completely switched off (MUTE). If you wish to have sound switched off WITHOUT the disturbing MUTE icon on the screen, do not press MUTE, however, turn it down to zero in a classical way.

Languages – it may happen that the program is broadcast in multiple languages. For the purpose of a change in the language, first press the **yellow** button at the bottom and then select the language using the cursor arrow keys. Confirm the selected language with “OK”. On the other hand, it may happen that the desirable language will not be available at all even when it will be on the list. In this case, you may try to activate **subtitles** - press the **blue** button and a list of available titles should be displayed (if they are available). If you are not able to remember the colors of the buttons, press **OK** – the help will be displayed informing you on what is available for the respective program.

Channel is locked by the parent lock – press the **red** button at the bottom and enter the PIN code of the parent lock. Thus, the channel becomes activated. If you switch to another channel, the previous one will be locked again within approx. 30 seconds. This may be resolved only by blocking the parent lock on a temporary or permanent basis (see below) but be careful about your children.

Teletext

Teletext may be displayed by the **TEXT** button. If you press TEXT again, teletext appears in the semi-transparent form (you can see the text and on the background the TV program). Back to watching TV, you get by the **TV** button. As far as all the other aspects, this concerns the standard teletext. It is not available for all channels and in case of foreign channels, it is in the respective native (foreign) language.

EPG alias electronic TV program

Upon every change in the program, the so-called quick EPG - info on what you are just watching, is displayed automatically. After a few seconds, this information disappears. It is always possible to activate / deactivate it manually by pressing “OK”.

The full EPG (TV program) is displayed by pressing the TV button on the right side of the control.

viaTV Portal

Apart from the EPG, the viaTV Portal at present provides you with various settings of the set-top box and two computer games. The Portal may be accessed to by pressing the MENU button or by using the button “a dot in a circle”.

Change in the order of the channels (their order on the set-top box) is performed on the Portal in the **Setting** item **-> TV channels** as follows: after entering the parental lock (for which the Portal will ask you), you go to the channel the position of which you wish to change, press **OK** (the channel turns white) and then you will move it up or down using the arrow keys. Then you press **OK** again.

Movement within the table of channels is performed by the cursor arrow keys.
In the end, it is necessary to save the changes – the green context button.

A permanent activation / deactivation of the parental lock is performed by the red context button. This always concerns just the active channel. Once the lock is activated, then, at any time such a channel is selected on the set-top box, the person watching TV is asked to enter the parent lock PIN prior to its display.

The provider reserves the right to change the document. The current version is available on **www.viahome.cz**

If you have any question, do not hesitate to address our Contact Centre:
telephone: +420 236 099 333
(Mon – Fri: 8 – 18h)
e-mail: info@viahome.cz
Internet: www.viahome.cz

Contact address (mail address for delivery – e.g. for sending filled-in Contracts) and the Registered Office of the company (address incorporated in the Comm. Reg.):
Kontaktní centrum
T-Systems Czech Republic a.s.
Na Pankráci 1685/17, 19
140 21 Praha 4
Czech Republic